



INDIANA
LIMESTONE
HOMES

INDIANA LIMESTONE LIBRARY Series B

Volume 5



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Portfolio of Designs
for
Moderate Cost
INDIANA LIMESTONE
HOMES

Illustrating economical methods
of using the rough-sawed stone
of Short-length and other grades
in various forms of Coursed and
Random Ashlar wall facing for
small to moderate-sized Homes

Volume 5, Series B

INDIANA LIMESTONE LIBRARY

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The Architects

THE HOUSE DESIGNS in this portfolio collection are the joint work of Messrs. Olsen & Urbain, Architects, of Chicago and H. S. Brightly, Director of our Architects' Service Bureau. These designs were developed by Olsen & Urbain, under the direct personal supervision of Mr. Brightly, from plans and data assembled as the result of a careful and comprehensive preliminary study of the requirements of thoroughly first-class small to moderate sized houses. They are intended primarily for families who do not regularly employ more than one servant.

The former INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION, which our Service Bureau succeeds, in undertaking to prepare and present these designs to prospective Home Builders, were actuated with the desire to supply information on good, moderate-cost houses with stone-faced walls; data that was not heretofore available in any form.

THE PROBLEM of the home builder desiring to use INDIANA LIMESTONE (or BEDFORD STONE, as it was formerly called), for the facing of a house of decidedly moderate cost, was first studied from all angles before any of these designs were prepared.

HOME BUILDERS will find that many of the designs, and especially the plan arrangements, are unique and a distinct step forward in meeting the floor plan requirements for convenient, thoroughly up-to-date houses.

WE BELIEVE both the designs and plan arrangements, will be found to offer many useful suggestions to Architects as well as Home Builders.

It is our sincere belief that in few other published collections of house designs, have the plans been studied in as great detail, and it is therefore with a feeling of satisfaction that we submit to prospective home builders this Series of Designs for INDIANA LIMESTONE HOUSES.

SEPARATE FOLDERS:—While any of the individual folders descriptive of the houses in this series, will be furnished gratis, it was felt necessary to make a small charge covering the cost of printing, for the entire collection in portfolio form.

INDIANA LIMESTONE COMPANY

Home Builders' Branch of Service Bureau

P. O. Box 401

Bedford, Indiana

The Planning of these Limestone Houses of Moderate Cost

STONE HOUSES have been constantly increasing in favor during recent years. The stone residences designed by leading architects constitute some of the finest and most notable work they have executed, and the architectural profession is now giving more consideration than ever before, to the use of stone in the smaller, moderate-cost house. Many fine examples of the employment of local stone for this class of residence now exist in various localities.

TO MEET this constantly growing demand for stone houses of that latter class, and especially the demand for a more easily obtained and readily worked stone, available to home builders in all localities, the INDIANA LIMESTONE COMPANY has devoted particular attention to the development of its product in a form that is best suited to this type of building, and thus to the requirements of the average home builder.

THIS PORTFOLIO will serve to present to architects and prospective home builders, the advantages of this thoroughly modern and very economical form of stone wall construction for houses.

THE PLANS, as more fully described on the following pages, are not simply a collection of typical house plans, redrawn for this purpose, but have been prepared especially for this volume, in an effort to present the proposition in a most interesting and useful way, to those who are contemplating the building of homes.

NO ATTEMPT was made to design these houses to fit within set dimensions or area, or within any particular limits of cost.

THE ROOMS in all houses were arranged on the basis of comfort and convenience, and while every economy that good planning permitted, was taken advantage of, the question of cost was not allowed to regulate the size of a room or the elimination of any important feature.

ON ACCOUNT of the attention given to every detail of convenient arrangement, it is thought that the plans are in advance of current practice, and that they furnish solutions of the modest home builder's problems which have distinct merit. In publishing this series of house designs, it is therefore felt that a genuine service is being rendered to intending builders.

THE NATION'S BUILDING STONE

ALTHOUGH these houses were not designed to a definite schedule, or within specific limits of cost, the problem was approached with the following basic requirements as governing factors:

First, IT WAS decided to prepare a series of really good, though simple, designs for stone houses of moderate size and cost, based upon the most economical employment of INDIANA LIMESTONE for facing of walls, using the rough-sawed limestone for nearly all parts of the work, and eliminating cut, carved and moulded stone as far as possible. The walls of these houses, therefore, can be erected by masons. Only a very small quantity of simple machine-worked Cut Stone is used for steps, sills, lintels and other items of trim. Several of the houses have simple moulded stone cornices, but most of the designs show cornices of wood, as is usual with similar type houses built of brick or other masonry.

Second, JUST WHAT a first class, modern, moderate-sized home should contain in the way of rooms, etc., was then determined; the proper sizes of these and other supplementary features, such as halls and closets; and such conveniences as dining alcoves, down-stairs toilets, and, in the smaller house, bed closets.

Third, THE GREATEST possible convenience in the arrangement of plans was demanded. Hallways must be of ample width. All cupboards must be of suitable depth. Suitable wall space for furniture must be provided in all bedrooms. The location and relation of doors, windows and furniture must be such, that all of the rooms are capable of being furnished for comfortable occupancy. Steps must be saved wherever possible. The stairs must be of easy rise and ample width.

Fourth, THE KITCHEN was recognized as the keynote of the modern home of moderate size, since the housewife must spend a considerable portion of her time there, and all the houses were planned with conveniently arranged kitchens. In planning these kitchens a number of model kitchens were studied and a set of basic principles evolved. This perfected kitchen arrangement, with minor variations that would adapt it to the plan of the particular house, was then carried out in all of the plans. A further description of the kitchens will be found on page 15.

Fifth, SIMPLICITY in arrangement and construction was demanded; the elimination of unnecessary jogs or breaks in the walls, and reasonable simplicity of roof lines were considered essential factors. No effort at original or picturesque effects, for that reason alone, was striven for. Where the appearance of these houses is picturesque, it is simply the result of consistent planning, with an appropriate style of exterior.

Sixth, DISTINCTIVE CHARACTER and architectural style were considered important, and in designing the exteriors, the best precedents adapted to modern requirements, were followed. The Colonial and English styles were considered most appropriate for general use, and the greater number of houses were, therefore, designed in a free adaptation of these styles; others in appropriate adaptations of the Italian, French and Spanish styles. In no instance, however, was style allowed to dominate simplicity, or to require the addition of any ornamental detail or feature, that was not considered essential to the particular type of house.

Seventh, A NUMBER of special features were incorporated in the plan arrangements, such as china cupboards opening both into kitchen and dining room; cold closets; outside icing doors for refrigerators; space for two kitchen ranges, as well as for kitchen cabinets; down-stairs toilets; coat cupboards; linen and bedding cupboards; broom closets; towel cases in bathrooms; clothes chutes, etc. A more detailed description of each of these special features will be found on the pages which follow.

THE PLANS will therefore be found thoroughly practicable from the builder's viewpoint. They are not "toy" houses that look well on paper, yet are impracticable to build, which is the case with so many of the low-cost house designs that have been published during recent years. There are no "trick" bedrooms that cannot be furnished properly, no halls too narrow for convenient use, no principal closets of insufficient depth to permit the use of coat hangers on a hanging pole.

Each design has been developed with probably greater care than an architect could ordinarily give to the design of a small house.

*Why You Should Build of Indiana Limestone
in Preference to other Materials*

THE IDEA that the Stone House is much more costly to build than a house with exterior of other materials has, in the past, frequently deterred people who appreciated the value of a good stone home, and longed for a home such as they had dreamed of building, from further considering the use of this fine material,—nature's own building material. This prevalent idea of higher cost is partly based on truth but largely an exaggeration of that truth out of all proportion to the actual facts. Furthermore, it is invariably based upon the cost of rather expensive cut stone work, or upon local stone; cheap in the raw state but costly in the way of labor involved in the shaping and working of it for building purposes.

Few Architects, only that select few who currently use stone in residence work, really know a great deal about the actual cost of this material in house construction, and the manner in which a skillfully economic use of it really affects the total cost of a home. They know that the house-wife will demand the latest type of bathroom fixtures and every modern convenience, as well as larger rooms than the probable limit of the proposed expenditure will permit, and in the face of these facts, they are hesitant about recommending even a slight increase in the cost of exterior materials, although they know and are ready to admit the permanent advantage and increased value of an INDIANA LIMESTONE house.

It is to overcome these conditions, especially the erroneous impression that exists in regard to the cost of stone and its economic availability for the moderate-size home, that the following indisputable facts are presented to home builders.

Natural Stone, and especially a fine, easily worked and beautiful stone like INDIANA LIMESTONE, needs no special recommendation as the building material par excellence for almost any purpose in better class buildings. It is truly *The Aristocrat of Building Materials*.

On the other hand, despite its beauty, its permanence (and of course permanent beauty is here implied) and its fine structural properties, strength, fire resistance and excellent weathering quality, it is also the lowest in cost and the most economical to cut among building stones.

It can be easily worked into any required shape, almost entirely by machinery.

Therefore, the only question that can be raised as to the cost, is not actual cost, but the cost as compared with other materials, and it is this very point that we intend to answer in a most convincing and conclusive manner.

In the first place, INDIANA LIMESTONE is not recommended for the small, more or less cheap home, or the workman's dwelling, where every dollar must be saved and nothing expended on other than the absolute essentials of housing requirements, such as number and size of rooms and the necessary plumbing, heating and other equipment. In that class of home the cheapest material must be used for walls and structural features, and the interior finish and exterior trim be reduced to the absolute minimum. In such type of home, the use of stone quite properly can be limited to sills, steps and possibly lintels, for which purposes the use of a low-cost stone like INDIANA LIMESTONE is fully justified in any house having walls of brick, hollow tile or other masonry, however small and low in cost the house may be.

It is in the better grade of small house construction where INDIANA LIMESTONE finds its appropriate larger usage; starting first with the well designed, well built, really small house, where a certain distinctive style and good appearance is considered an essential feature.

In this class of home having walls faced with brick or other material, INDIANA LIMESTONE trim may be used more extensively than only for structural purposes, like sills and steps.

The next step is the employment of stone for facing the entire walls, but with the cornices, porch and entrance features and window trim other than sills, made of wood in exactly similar manner to the quite general use of wood trim with brick or stucco wall facings.

Most of the Colonial or Georgian type houses employing brick or stone for the walls, were built in this manner, the more or less rough masonry walls being combined with the ornamental details of painted woodwork. In fact, some of the best, most interesting and generally satisfactory homes

INDIANA LIMESTONE

of both early and present day construction, are of this type. It is that very type of construction, excellent and yet moderate in cost, which is featured in this series of house designs, as explained more in detail on the pages which follow.

The last step is the all-stone home in which porches, entrance features, cornices and all ornamental details are executed in cut stone, ranging from the simpler type of all-stone house, on up to the elaborate and often very costly palatial house of finely cut stone designed in a more or less formal stylistic manner, and enriched with carved ornament and sculptured detail.

The very extensive use of beautiful Limestone for fine residence work of this character has been largely responsible for the erroneous impression that it is a costly material. Quite the contrary is true. It is THE NATION'S BUILDING STONE, being equally appropriate for plain structural items in the lowest cost houses; and for the most elaborate work, for which its beauty of texture and color-tones together with its easy working qualities, make possible the execution of this character of work at a very reasonable cost in comparison with any other material that it would be practical to use; just as these same qualities make it best for simple structural purposes in low cost houses.

This series of house designs was not prepared for the all CUT STONE type of residence, nor for houses in which cut stone would be employed to any extent, other than for structural trim. The designs are primarily for the average home builder of moderate means, who wishes to build a good comfortable home, sufficiently distinctive in character to prove an investment of the highest value; embodying the best features of planning along with a good exterior design of reasonable simplicity, and without any unnecessary expenditure for architectural detail.

To satisfy these requirements it is necessary, as in the case of brick, to employ the stone in the simplest possible manner, to eliminate all cut work, carving, etc., and, in fact, even eliminate machine-moulded stone, as far as possible.

The basic idea was to illustrate the use of INDIANA LIMESTONE in a manner precisely similar to the way in which stone was used by the colonial builders, the same way brick is almost

invariably used in house construction, both then and now. Further, to show the use of stone in such ways that enable it to be employed economically in house construction by Stone Masons; by supplying the stone to them in a partially worked form that can, without the aid of stone cutters, be easily shaped to the sizes required in the erection of facings for residence walls.

For this purpose the rough-sawed-four-side material in random length strips has been developed. This consists simply of sawing the stone into strips of the required thickness of bed and height of course, which can conveniently be broken and trimmed off to the lengths required, by masons, at the building site, and be erected by them for the facing of walls built of brick, hollow tile or concrete blocks, or of poured concrete.

For a little extra, a certain percentage of these strips of stone may also be sawed square on one end to form the heads at corners, and at door and window openings, or the dressing off of these ends may be done by a mason fitter on the job.

This rough-sawed-finish material, combined with ready cut sills, permits the building of facings for the entire wall, without stone cutting or the employment of cut stone, other than for the sills, thus enabling stone-faced houses to be built in rural localities where cut stone plants or stone cutters are not available.

With this, the simple sawed-stone faced house to start with, it is, of course, then possible to add any amount of Cut Stone Trim desired, where the limit of cost may permit of its use, and where the local facilities in the way of stone cutting yards make this practicable from both the standpoints of economy and availability.

Cut Stone, or even machine moulded stone, other than ready-cut or "stock" sills, etc., has been used very sparingly in this series of house designs. Nearly all of the porch and entrance features, cornices and window trim has been carried out in wood, either painted or stained, as required by the character of the design or style of architectural treatment, employed for the various houses. In this respect, it is felt in the presentation of these designs, that we are offering to both home builders and their architects, something entirely new and unique in the way of distinctive, moderate-cost houses.

A careful study of the designs will clearly demonstrate that nothing has been sacrificed in the way of good appearance by this expedient; in fact, that all of the houses have a decidedly homelike appearance. This probably could not to an equal extent be accomplished in certain of these houses, with all of the architectural features executed in cut stone, on account of the somewhat too palatial and imposing effect for houses of this kind and size, that would result.

The desirable variation in color-tone and texture so generally preferred for this class of work, has not been overlooked, and to serve this requirement the "Short-length," the "Variegated," "Rustic", and **Old Gothic** classifications of the product (*see reference to these grades on page 10*), have been suggested, as these grades will best serve the average home builder's requirements, and produce the most interesting effects of tone and texture in the completed walls.

There can be no possible feeling of austerity or ostentation, in the employment of even, beautiful INDIANA LIMESTONE in the ways described, but only a feeling of warmth and substantial refinement, dignity without loss of cosiness—exactly those characteristics so noticeable and so well appreciated by people of taste, in the fine old Colonial homes of this country, and in the stone cottages of England, France and other European countries.

The Intrinsic Value of a Stone House

STONE HOUSES are not common; they are not likely to become common; they are rarely commonplace even when of decidedly mediocre design. The stone house stands out above the house built of lesser materials, and when well-planned will invariably sell or rent quicker and bring a substantially higher return on the investment than a house built of any other material. Experience has proved this time and again.

In any house with masonry walls the small additional expenditure for sills and trim of INDIANA LIMESTONE not only insures the permanent good appearance of the walls, but more than offsets this extra cost by the actual added value. This fact is very generally recognized by realtors and mortgage loan corporations.

The further cost of facing the entire walls with stone, will probably not exceed a few hun-

dred dollars, yet will increase the permanent actual sale or rental value of the house, out of all proportion to this added cost. For every \$100. expended for stone, at least double that amount will be added to the recognizable value of the house. This is not an exaggeration, but a conservative statement of the actual increase in sale value. One well known architect has summed up this increase by the statement, that, for every \$300. extra he put into INDIANA LIMESTONE, he usually figured a round thousand of increase in probable sale value of the house. He made this statement based upon his actual experience.

This is not the only advantage that INDIANA LIMESTONE possesses. It is light in appearance and therefore stands out and attracts attention without the objectionable glare of white paint or stucco. It is not cheap, but substantial looking, even rich in appearance. It weathers and ages beautifully, and once built requires no attention whatsoever. Anyone who has owned and lived in a well built limestone house will invariably favor this kind of a home over all other types.

Stone, and especially INDIANA LIMESTONE, has been so extensively used for fine monumental buildings, that to make specific mention here of its structural qualifications seems entirely unnecessary. An interesting description of its structural characteristics will be found in booklet **VOLUME I of the INDIANA LIMESTONE LIBRARY**.

It is quite sufficient to state that no other building stone is so well adapted or so economical for residence construction. Furthermore, that the use of this fine *natural stone* in the rough-sawed-four-side form is the most economical way to use this the lowest in cost of building stones; bringing the total cost of an INDIANA LIMESTONE-faced house to a figure well within the reach of anyone contemplating the building of a good home of any other type. A comparative estimate of cost will prove the percentage of increase in total cost to be quite small, in most instances not exceeding more than 4% to 6%, not enough to deter anyone desiring to use this fine material.

This can be explained by the fact that the walls of a house constitute only a fractional part of the total cost, and the 4" outer facing of the exposed walls only a part of this fractional cost; so that even a substantial increase in cost for this facing cannot affect the total cost of the house to the

extent that would ordinarily be imagined. The best way to prove this fact is to get a good mason builder to furnish you with an estimate on the cost of the INDIANA LIMESTONE house in this series of designs that you may wish to build. You will find that the estimate for this house in your locality, will not vary to any great extent from one built from the same plan, with the walls of any other really permanent masonry material.

Wall Construction

INDIANA LIMESTONE, unlike many other stones, may be employed in wall construction in two ways; first, the entire thickness of the wall may be built of this material; and second, it may be used either as a structural facing, or just a veneer, of a wall built of brick, hollow tile, concrete, or concrete block. Most building stone, and especially field stone and common rubble stone, can be used only for building the entire thickness of the wall, as it is not economical or practicable to use these stones in any other way.

INDIANA LIMESTONE, on the other hand, is rarely used for the entire thickness of the wall. Unlike most ordinary building stones, it can be so readily sawed or worked to any size or thickness desired, that it is invariably employed only as a facing. Used in this manner, the result is most economical, as only the outer 4" thickness of the wall is built of stone, and the remaining thickness of a cheaper material.

Therefore, in building an INDIANA LIMESTONE faced wall, the only difference in cost, is the difference between the cost of INDIANA LIMESTONE and the facing of brick or stucco, that might otherwise form the exterior finish of a masonry wall of any material. This constitutes a relatively small proportion of the total cost of a house, exceedingly small when considered in relation to its importance in the way of appearance and permanent sale value:—a value directly measurable in dollars.

There are two ways that such a facing of stone may be used; first, as a structural facing, that is a facing at least 3" and generally 4" in thickness, anchored and bonded into the backing masonry, in such a manner that the thickness of both the facing and backing can be jointly figured as the thickness of wall, for stability, load-bearing and

other building code requirements; and second, as a veneer of no structural value. INDIANA LIMESTONE is most frequently used as a structural facing, especially in residence construction.

In more or less remote instances, it is used as a veneer, for which purpose it may be from 2" to 3" in thickness. There is no advantage in using a 2" thickness, except the saving in freight charges on long haul shipments; as stone sawed 2" thick will cost about the same per square foot as 3", sometimes more, and is difficult to ship.

A non-structural veneer of stone is recommended only when the Building Code, or other conditions peculiar to the particular locality, make it desirable.

Brick is the only other material that can be employed as a structural facing. With all other facings, the thickness of rough backing must be increased. Take for instance a stucco-finished hollow tile wall, where a 12" thickness of wall is required; this must be built of 12" hollow tile plus the 1" stucco finish. With INDIANA LIMESTONE you would use a 4" thick facing with 8" tile backing. Therefore, to offset the cost of limestone facing you would have not only the entire cost of the 1" stucco, but also the saving in cost of the 8" tile, as compared with 12" tile.

It will therefore be easy to appreciate why an INDIANA LIMESTONE home costs so little more than a home having walls of any other material.

There are various ways of using INDIANA LIMESTONE. One is to have the cutting of the stone done at a mill complete in every detail, ready for erection. It is then called "Cut Stone."

Another method is to use the sawed limestone in the semi-rough state, having the finish as it comes from the saws, eliminating all cut and moulded work and carved ornament.

It is exactly that latter method that has been employed in this series of House Designs, because it is the most economical one. The so-called "rough-sawed" material is used for all wall facing purposes, with very pleasing effects.

Most of the lintels are merely longer pieces of the plain sawed material. The cornices, porch and entrance features, are constructed of wood, exactly the same as if the walls were built with a facing of brick.

Thickness of Walls

IN ALL of these house designs, the stone is intended to be used as a structural facing. This means that the ordinary 12" thick wall, will be built of either a 4" or a 3" INDIANA LIMESTONE facing, with an 8" backing of brick, hollow tile, or other material. Allowing for the usual thickness of furring under interior plastering, this means a total thickness of 14" to 15" from exterior face of stone, to face of plaster on inside.

All figures shown on the floor plans giving room sizes, have been based on a total thickness of 15". In many cases, the walls might actually have a total thickness somewhat less than that, but the exterior dimensions and interior layout should remain unchanged, and this difference be allowed to increase the size of rooms; adding 2" 4", 6" or 8" to the width or length, as the case may be. The room sizes given may therefore be taken as the minimum that would result from any form of wall that might be used.

A number of hollow tile manufacturers recommend that interior plastering be applied direct to the tile, omitting the furring, but this is considered a somewhat questionable practice, especially in the northern sections of the country. The slight saving that may result, does not seem to be justified in really good houses of this kind. A 12" thickness of masonry wall, however, while indicated on the plans, is not considered to be necessary for these houses. That thickness was used simply because such walls are recognized as standard, and can be built anywhere regardless of how stringent the construction requirements of the building code may be.

Where the local building code permits the thickness of masonry walls for detached two-story dwellings to be 8", the stone may then be employed as a 3" facing, bonded to either 8" brick backing, or to 6" or 8" hollow tile backing.

In fact, one of the most economical forms of stone-faced wall construction that can be used, consists of a 3" limestone facing with 5" bond stone; the 3" facing backed up with a 6" hollow tile, with 4" tile in back of bond stone. The thickness of such a wall would be about 9½".

This form of construction should be permitted, and doubtless will be approved by the Building Department of any City, where 8" thick solid

brick, hollow tile or concrete block walls, are allowed for detached dwellings.

The jointing of the INDIANA LIMESTONE facing, whether 3" or 4" thick, can be made in various ways, either as regular Coursed ashlar, having the courses of any height desired, Range-work, or as Random Ashlar in any of its various forms. *See Types of Ashlar, page 11.*

Various treatments of the stone facing are shown by the different house designs. The descriptive text on these folders contain individual suggestions as to grade of stone and treatment to be used, in the house to which they refer. Many and varied are the treatments that can be used, as shown by folders, quite regardless of the fact that the stone facing of these houses is intended to be of the rough-sawed stock.

The possibilities of this form of sawed stone facing, in combination with wood trim, offers the Home Builder a wider range in style of design, than probably any other building material.

Architects and Builders will find this a field for most interesting development.

Take Your Building Problems To a Capable Architect

IN PREPARING this series of house designs, it was not the purpose of this Company to attempt in any way, to supplant the Architect, but only to offer carefully prepared suggestions to prospective builders.

It is not the intention of this Company to institute a plan service, or to furnish plans and working drawings for these houses. We believe that most people desiring to build an INDIANA LIMESTONE home, will want their house to have a certain individual character, and be specifically adapted to their individual requirements, and to the particular site on which it is to be built. For that purpose we believe a local architect should be employed. The capable local architect is familiar with building conditions in your locality, building code requirements, trade conditions, materials, costs, etc., and can always save for the home builder, the cost of his professional services. Blueprints of the publication drawings of any of the houses in this series, which are not working drawings, will be supplied to your architect, if desired, at cost of printing.

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Use of Plans by Speculative Builders

SPECULATIVE BUILDERS will find several plan ideas that are entirely new, and admirably adapted to present day building needs, in the more or less built-up suburbs of our larger cities, where property values are high.

Speculative Builders who have built INDIANA LIMESTONE homes, have invariably found them to be ready sellers and good revenue producers, and the added cost of the limestone facing, a profitable investment. This extra cost, is often astonishingly small for houses of reasonably simple design, as illustrated in this series.

The Grades of Indiana Limestone Suggested for These Houses

INDIANA LIMESTONE is produced in several regular grades of Cut Stone work, being classified by color-tone and texture. While any of these regular grades may be used, and can also be furnished in the rough-sawed strip form for that purpose, this more uniformly graded and consequently higher priced stone stock, is not suggested for these houses. Such material will not give any more satisfactory results, or as interesting effects, as several of the other grades of INDIANA LIMESTONE, which possess a wider range of variation in color-tone and texture.

In walls of plain-sawed-finish stone, the effect in the finished building, is largely dependent on the color-tone and texture of the surface, and the natural variations, which in the play of light and shade, give genuine interest to such a surface. Some architects will even go so far as to require that the surface of stone be specially roughened up in the sawing process, in order to increase this natural range of variation in texture.

The several grades of stone that are suggested for these houses, are all lower in cost than the regular Cut Stone grades, and are as follows:

Variegated. This is the stone obtained from blocks which are produced in the quarries along the lines where the buff color joins the gray color. Such material when cut up for building purposes, will produce pieces of both colors and a certain percentage with the two colors on the one piece. It is a very desirable grade of material for residence walls. The supply of this grade, though

somewhat limited, can generally be obtained in "Short-length" stock in any quantity.

Rustic Buff. This is the darker toned, coarser grained Buff stone showing a more or less open texture, having an interesting shelly formation intermixed with varying amounts of crystalline calcite. This grade is especially suited for use with rough-sawed finish and is very desirable for residence work.

Old Gothic. This stone is unselected as to color and texture, and embraces the Gray, Buff and Variegated stone, which although varying in texture from fine to coarse, will generally be of fairly coarse texture, some pieces containing shelly formations, white or crystalline streaks and tight crow-foot, etc., that do not affect the structural soundness of the stone. It has the widest range of variation in color-tone and texture.

Short-length. This classification covers only the unselected, so-called short-length blocks of either the Buff, Gray or Variegated stone; or may be made to include a mixture of these, if desired, and thus to include a somewhat wider range of variation in color-tone and texture than the regular "Variegated" grade, though not as great a variation as the "*Old Gothic*" grade. It is necessary to specify whether "Short-length" Buff, Gray, or Variegated, is desired. Ordinarily this classification will include a fairly large percentage of stone, the texture of which would be classified as standard, and less of the distinctly off-grade material than "Rustic" or "*Old Gothic*."

In any of the three grades, however, as well as in a mixture of them, it will include a fair range of color-tone and texture. It is the most economical material to use, as stone of this classification is usually the lowest in cost. It is therefore recommended for use in this series of house designs.

Being produced from the so-called short length, or irregular shaped quarry blocks, it is always obtainable in any quantity desired.

Placing of Houses on Sites

THE PLACING of a house on its site has much to do with the success of the design. In fact, the character of the lot or site itself must often be considered in the selection of the type of

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home to build. In this series, it is felt that a fairly representative collection of design types has been presented to the Home Builder; houses that will suit almost any condition have been included.

In the preparation of these designs, an effort has been made to adhere to good precedent.

In the descriptive notes, mention of the size of lot most suitable for the different houses, along with suggestions as to the placing of the house on the lot, will be found; also remarks on the reversal of plans for lots which front in a direction not particularly suitable to the particular plan layout. This orientation of the house, so as to give the main rooms the best exposure in relation to the sun, is quite important in assuring the most satisfactory results.

There are certain houses that can be built fairly close to the lot line, and others that must be set back further to look right; there are houses that require a fairly wide lot, and others that can be built on reasonably small lots, which include several that are intended to be built on lots of narrow width, in the closely built-up semi-suburban sections of cities.

There are houses that must be set low on the site and others that can be built with the main floor placed higher above the grade level. Generally speaking, the height has been kept down in most of the designs, on account of the more satisfactory and home-like appearance.

This effect has been accomplished by keeping the floor of the first story reasonably close to the grade line. While this involves a little more excavating for cellars, it requires a lesser area of stone-faced wall above grade, and creates a less formal and more home-like effect in the finished building.

Types of Limestone Ashlar Facing

THE structural stone facing of a wall is called ASHLAR, or ASHLAR facing. There are numerous jointing schemes that may be used in the employment of a LIMESTONE ASHLAR facing.

When the facing blocks of reasonably uniform length are laid in courses of one or more given heights, the work is called COURSED ASHLAR. This is the most regular and formal type of stone facing, which is so generally used in buildings

of monumental type. There are a number of variations of COURSED ASHLAR, such as the introduction of different height courses, or the alternating of wide and narrow courses, or making the lengths of the stones vary at random.

This latter, called "Block-in-Course" or "Range" work, is much freer and less formal in appearance, than regular COURSED ASHLAR, and is considered especially suitable for residence work. It further is a type that is most appropriate to use with the rough-sawed Short-length stone. This scheme can be used either with courses of equal height, or with several different heights of course.

When the facing blocks are not laid up in courses, but are of several heights and varying lengths, laid up as if at random, the work is called RANDOM ASHLAR. This is the most irregular or informal type of stone facing, and is particularly appropriate for use with English and Cottage styles of house design. There are also a great many variations of RANDOM ASHLAR that can be employed.

Most RANDOM ASHLAR schemes can be worked up with from three to six units of heights, so that it often looks a lot more complicated than it really is.

When this character of facing is used with ordinary field stone or local stone, it means that each stone must be selected, or be cut and shaped, to fit a certain size space in the wall. With the rough-sawed INDIANA LIMESTONE, the jointing layout scheme is predetermined in a general way, and the stone supplied in sawed strips of the three, four or more sections required, which are then broken up to lengths desired, by the masons, as the work progresses. There is no shaping or dressing off of beds, backs and faces required, but only the breaking and rough dressing of end joints, as the material is delivered to the building site in random length strips, already sawed to thickness and height. This results in a great saving in labor, and is thus a most economical form of stone wall facing.

The RANDOM ASHLAR can be varied, by using mostly long units of moderate height, or by using higher and more nearly square shaped units, also by using dressed or broken end joints. Still another variation, called COURSED RANDOM

ASHLAR, consists of working this form of facing up to a level bed, all around building, every 20 inches to 40 inches, in the height of wall.

A number of the different COURSED and RANDOM ASHLAR schemes that are appropriate for use in houses of the types included, are shown by the different folders. These jointing schemes can be varied, however, and in many instances are interchangeable; that is, some one of the other different schemes of stone jointing could be used with equally satisfactory results.

The type of stone ASHLAR can be considered largely as one of personal taste or preference. Your architect can adapt almost any scheme of facing desired, to the various designs, by certain, often minor, changes in the design of the exterior.

In addition to the sawed finish, the "split" or "rock-face" finishes can be employed, but these have no particular advantage with sawed stone and are not so economical, as such finishes involve the extra labor required to split and produce the rock face blocks, from slabs or strips of sawed stone. These finishes also require more stone stock, both to provide for the projecting rock face, and on account of the waste involved.

Service to Architects

ARCHITECTS desiring to use any of the house designs in this series can obtain $\frac{1}{4}$ -inch scale blueprints of floor plans and elevation perspectives, at the cost of these blueprints.

When further interested in developing the working drawings for any particular plan in this series, or for any other scheme of facing the walls of houses, with sawed INDIANA LIMESTONE, architects can, upon application to the Architects' Service Bureau of this Company at Bedford, obtain free of cost, any service desired in developing the required details, and in the preparation of detail drawings for any part of the limestone facing and related work.

Suburban and Rural Homes

THE RURAL HOME builder and head of family, with the comfort of a wife and several young children to provide for, will find plans in this series that are especially adapted to these requirements; more important than all,

the housewife will find that in these plan arrangements every possible provision has been made for easy housekeeping, the minimizing of steps and reduction of labor in general; also that the closets and all other conveniences are planned for the most exacting demands of the modern household.

Porches and Sun Rooms

EXCEPT in the case of design Number 203, good-sized porches, or sun rooms, have been provided. In most instances these have been placed separate from main entrance, giving them the desired privacy. Where these porches are not shown as enclosed, provision for enclosing them with sash, has been made. House design 203, instead of porch has a partially paved terrace, suitably enclosed with a hedge.

Entrance Halls and Vestibules

ON ACCOUNT of the inconvenience and lack of privacy, resulting from having the main entrance opening directly into the living room, only one of the houses has been planned without entrance hall, and, wherever it was practicable to do so, the main porch or sun room has been given privacy, by being kept separate from main entrance. Entrance halls have been located with convenient access from kitchen, and in all houses are provided with ample coat closets. In many of the houses these coat closets are of the wardrobe type, some with double doors.

Downstairs Toilet

DOWNSTAIRS toilets have been provided in most of the houses, as this feature is considered to be a great convenience, especially in the house where there are children. No toilets were placed in the cellars, as that is only a makeshift and a poor substitute for a toilet on main floor, easily accessible from front hall, side or rear entry.

The Stairs

IN A NUMBER of the house plans the stairs are of the type enclosed partly between walls in the lower story. This type of stairs has been used for several reasons; first, because it is the most economical type of stairs to build; second,

because such stairs take up less space than the open type requiring considerable hall space for their installation; third, because they tend to hold the heat from rising to second story, enabling the house to be more evenly heated; and fourth, because they afford a little more privacy. This type of stairway, properly built, is most satisfactory in the small or moderate sized house, giving a coziness to the lower hall, and when leading to an open arrangement of hall in the second story, as they do in most instances, do not have any less open effect than a stair placed in an open well with a baluster rail on one side.

Objection to this type of stair has invariably been based upon the narrow, steep stair enclosed for its entire height, which is so often to be found in old farm houses, a very different type.

Naturally the partly enclosed stair must be a little wider than an open stair, and thus all have been planned of ample width, with wide treads of moderate rise. This provides easy stairs of good appearance, convenient for the handling of furniture.

In the houses in which the enclosed type of stairs have not been used, where semi-open stairs are shown these stairways have been planned either of an appropriate Colonial, or English style, kept very simple in detail.

Back stairs have been omitted in all instances, because back stairs are really service stairs, which it is felt do not form a proper part of the house of moderate size, designed to serve the requirements of families where help is the exception rather than the rule. In omitting the service stairs, a substantial saving of space for use to better advantage has resulted. In every case the main stair has been arranged, as far as possible, to serve all requirements and afford as much privacy of access to the second story from kitchen, as the various floor plans would permit.

Cellar Stairs and Rear Entries

IN ALL of the plans where it was possible to combine the cellar stairs with service entrance at grade level, this has been done, thus affording direct entry to cellar from an exterior door, only a step or two above grade, making exterior steps to cellar or laundry entrance in area-way, unnecessary. In certain other houses the

cellar stairs are more centrally located under the main stairs, enabling cellar stairs to be planned with easy rise and generous width, without the sacrifice of any floor space.

The Size of Rooms

IN PLANNING these houses, the size of rooms was determined with the idea of convenience and the proper placing of furniture in view. No attempt was made to hold the cubic contents of the houses, within certain previously decided specific limits. The rooms were made of good sizes, and the total cube of houses allowed to run as high as these room-size requirements, made necessary. The great trouble with so many of the house plans available, is that while they look alright when reproduced on paper at a small scale, the rooms are actually so small, that they cannot be furnished satisfactorily, or without crowding. This is particularly true of bedrooms, which often will not permit the installation of a bed and two other large pieces of furniture, without decidedly inconvenient crowding, or the placing of furniture in front of windows.

Location of Furniture on Floor Plans

ON all of the floor plans in this series of designs, a suggested arrangement of furniture has been indicated, based upon using furniture of typical sizes. The idea of this is not so much to suggest how the rooms can, or should, be furnished, as to show clearly the way in which the rooms provide ample space for furniture of the sizes customarily used, and the amount of floor space there is left around and between the furniture thus arranged; and its position in relation to doors and windows, etc.

This, it is thought, will give to prospective builders, a much better idea of the practical size and shape of the rooms, than if their dimensions only, were stated on the plans.

Living Rooms

THE LIVING rooms are all of good size, even in the smaller houses. The size of a piano, davenport, or victrola, does not vary much. It is just as necessary to have a fair-sized living room to provide space for the usual items of furniture in the small or modest home, with few

INDIANA LIMESTONE

bedrooms, condensed hall space and service quarters, as in the larger house.

A living room that is cramped in size, or that does not provide proper wall space for the placing of furniture, can never be comfortable. The placing of window openings has therefore been carefully studied. It will be found that the living rooms in all of this series of houses, will permit the convenient arrangement of furniture.

All living rooms are provided with open fire-places arranged to permit suitable grouping of furniture. Except where the fireplaces have been placed between French windows, opening on an enclosed porch or sun room, they have in the majority of the houses, been placed on an inside wall, generally on the long wall, as that has been found to be the most satisfactory location.

Living rooms, it will be noted, are rectangular and not square in plan, the length being from one and one-half times to twice their width, which is the best shape for living rooms where the width is ample. A room of these proportions permits the most satisfactory arrangement of furniture, and utilizes the floor space to best advantage.

Bed Closets a Convenient Feature

THE LIVING rooms of many of the smaller houses, have been provided with a closet for either pivoted or recessed In-a-Door folding bed; enabling that feature to be installed without disarrangement of the plans, when an extra bed for the occasional guest is a desirable feature. This is a distinct advantage that very few house plans afford. These closets, whenever possible, have been arranged on the outside wall, with a window for ventilation.

A closet of this size, is a most desirable feature in a living room, even when the bed is not installed. It will serve many purposes not ordinarily taken care of in the plans for houses of this class. These closets are large enough to hold a go-cart or small baby-coach. They can be used as a storage place for a Kiddie Koop, Kiddie cars and other wheeled toys, invariably found in homes where there are young children; also for porch pillows, folding camp chairs, auto robes, and the many large size articles which one does not wish to carry to cellar or attic, yet for which there is no suitable storage space in the average home.

It is the many features of this kind, arranged for in this series of house designs, that will make these INDIANA LIMESTONE houses so comfortable, convenient and generally satisfactory to the average housewife. The beauty, dignity and permanence of an exterior of INDIANA LIMESTONE, has been combined with a complete and unusually high standard of planning and interior arrangement.

Combining the Dining Room with Reception Room or Library

A New Idea in the Better Utilization of Floor Space

THIS IDEA, it is thought, is a new one and yet it is a most practical arrangement, especially where there is also a separate dining alcove or breakfast room, in which most of the meals are served. This is a good way to make better use of a dining room, which is infrequently used. It is readily accomplished by a little different and generally more pleasing mode of furnishing and decorating this room. A large gate-leg or draw-top table, takes the place of the dining table. The sideboard is dispensed with or replaced by a Hutch cabinet, or a low chest of drawers. The serving table is replaced by a console table, or other side table. The ordinary straight-back dining room chairs, are replaced by good comfortable side and arm chairs, etc. The result is a convertible room, equally suitable and comfortable for use as a dining room, and as a reception room, library, or parlor. Here is a room where the grown daughter may entertain her friends, without taking them into the family circle.

This combined usage has been provided for and featured, in several of the houses in this series. In a few of the designs, dining rooms have been omitted, and replaced by fairly roomy dining alcoves with built-in seats.

The Dining Room, or Its Modern Substitute in the Small House, the So-called Dining Alcove

THE DINING room, especially a large dining room, by reason of the enforced economy of space in home building during recent years, has come to be looked upon as a waste of valuable space that can to better advantage be used for other purposes. Unless used also as a sitting room, the dining room is actually in use for only a

small portion of the day. Back in the old days the closed and darkened parlor, opened only for the occasional guest, or for special festivities, was really the non-essential feature of the small home, because the dining room was used for general living room purposes.

More recently the living room has taken the place of the old fashioned parlor, and most of the functions of general living occupancy, other than eating and sleeping, have moved into that room. As a result of this, and the disposition of most housekeepers to minimize their work, there has grown up a demand for a small breakfast room or dining alcove, close to and readily accessible from kitchen. Thus the dining room in many homes, is now the least essential feature of the plan. Not only breakfast, but all three meals, are served in the smaller room, and the dining room reserved for special occasions.

One contributing reason to this condition, of no little importance, is that so many dining rooms in the houses built during the last decade, are separated from kitchen by a rather indirect passage through a serving pantry, resulting in many unnecessary steps, in the serving and clearing away of meals; a condition no longer tolerated.

Serving pantries are a relic of the good old days when servants were the rule, rather than the exception, with small families of moderate means. To-day they are by no means the rule, even with families who might be classed as well-to-do, or moderately well-off. Entertaining is quite often done away from home, and when done at home, is handled with the aid of help for the special occasion.

With this changed mode of living, the excuse for the serving pantry has gone. The up-to-date housewife who does the greater portion of her work, will no longer tolerate any obstruction between kitchen and the room in which the meals are served; hence the popularity of dining alcove or breakfast room, adjoining the kitchen.

In the planning of this series of houses, these facts and the conditions of modern living, have been fully recognized. The kitchen, as elsewhere referred to in greater detail, has been carefully planned as a convenient workroom for the house-keeper, with all equipment properly arranged.

Kitchens are no longer the barren rooms of former days, but to suit the modern require-

ments, must be planned with built-in cupboards, china cases, closets, etc., thus taking over many of the functions formerly allotted to serving pantry, so often termed "butler's pantry"—an anachronism in the home where a butler, or even a regular serving maid, was usually a minus quantity.

In most houses serving pantries are omitted altogether, and where they do occur, have been reduced to a small direct servery-passage, between the kitchen and dining room.

In a number of the plans, china closets opening into both dining room and kitchen, or between dining alcove and kitchen, have been arranged. This type of china closet, is not the ordinary one for the display of fine china, but a practical storage space for the dishes in everyday use, the door on the dining room side being solid, with either wood panel or mirror glass, the doors on the kitchen side being clear-glazed. Below these are drawers for silver, pulling out also into the rooms on both sides, with cupboards underneath.

The Kitchens

PARTICULAR ATTENTION, is called to the kitchen arrangements and service portion of the houses, the very convenient arrangement of rear entries, refrigerators, cold closets, cellar stairs, etc., because all of the houses were, in a way, planned to fit a suitable kitchen arrangement. Seldom has so much attention been given to the planning of kitchens, with such complete provision for a full complement of kitchen equipment. While it was not possible to follow any previously determined, so-called ideal arrangement, in all of the plans, the main principles of such "ideal plan," have been followed with minor variations in all of the kitchen plans; which were necessarily varied in size and details of arrangement, in the different sizes and types of houses.

All of the kitchens are planned on the basis of saving as many steps as possible, and have been kept reasonably small in size. A careful study of the subject, developed that a fairly long and rather narrow kitchen, was the most economical in floor space and provided for the best arrangement of equipment. Most of the kitchen plans are therefore of that general type.

Serving pantries were in most cases omitted for the reasons previously stated, and all of the

THE NATION'S BUILDING STONE

necessary cupboards and cases placed in the kitchens. This means fewer steps in both the preparation and clearing away of meals. An unusual feature, and one that is rarely provided for in the kitchens of small or moderate-sized homes, is space for two ranges. Some housekeepers may offhand think this to be quite unnecessary, overlooking the real advantage of this provision. While it is not thought that any substantial majority of home builders will want two ranges, there are many sections in the country, where this arrangement is customary, a coal range being used in the winter, and a gas or electric range during other seasons.

Again, there are many who want an electric range, an oil stove, or a fireless cooker for occasional use, as an auxiliary to the main range. In most modern kitchens, there is no convenient wall space available for this purpose, because they are so compactly planned that there is never any space for an extra piece of furniture or equipment.

The planning of kitchens with room for two ranges, provides space which can be utilized in various ways, where the second range is not desired, such as for an extra table, an electric dishwasher, or for additional counter and cupboard accommodation. Many housekeepers may prefer to have the kitchen cabinet placed alongside of the range. The space provided for an extra range, permits of this change. With the moving of kitchen cabinet, the space now occupied by it on the plans, can then be utilized for an extra table, or other piece of furniture. In other words, the kitchens in these houses, while very compactly planned will never be found too crowded by equipment.

Another feature, is that ample space has been allowed for standard full size equipment. There is space for any make of range, refrigerator, or cabinet, of any size suitable for the average household. Still another feature, is the double drain board sinks used, except in one of the smaller houses, where a single drain board sink is shown.

Small storage pantries or cold closets, have been provided in most of the houses, with the refrigerator placed either in kitchen, or in rear entry to kitchen, where it is most conveniently located with relation to other equipment. In a number of instances, the rear entry has been com-

bined with cellar stairs, providing an enclosed entry, or vestibule, to the kitchen. In the other houses the rear porch is such that it can readily be enclosed, to provide the desirable two-door feature between kitchen and exterior, for northern localities.

The cellar stairs in all of the houses, have been planned with easy rise and ample head room, and are arranged with as direct access as possible, to both kitchen and rear entrance. The convenient arrangement of cellar stairs to the front portion of the house was also studied.

While there is space in the kitchen for the installation of two laundry tubs, if only one range is required, enabling the kitchen plans to be rearranged to include that feature, this has not been provided for on the plans. It is thought that the kitchen is no place for laundry work. The average housewife will not tolerate in her kitchen the slop and vapors of washing and will want this kept separate in a laundry located either in the basement, or in a separate wing, off the rear entry. An alternate arrangement, of the rear of many of the houses adding a laundry wing, could easily be made.

The conveniences of kitchen arrangement, may be summed up as follows:

Ample space for two full-sized ranges. Ample space for large size kitchen cabinet. Sink with double drainboards. Refrigerator in kitchen. Fair sized cold closet. Ample kitchen case and china cupboards. Broom closet. A convenient rear entrance and cellar stair arrangement. Kitchen conveniently planned with relation to front entrance. Kitchen equipment arranged with proper relation to both dining alcove and main dining room, where both are provided.

Most of the kitchens also provide space for folding ironing-board cupboards.

Second Story Hall

WHILE second story halls have been kept as compact as possible, they have not been made too narrow; the omission of the attic stair from most plans, and in others its removal to a position other than over the main stair, prevents any closed-in appearance, by giving to the second floor halls, an open and roomy effect, quite unusual in homes of this size.

Bedrooms

THE bedrooms have all been very carefully planned with regard to ample size, position of windows, doors, and cupboards, and the correct placing of furniture in relation to these. The main bedrooms have been planned to provide comfortably for twin beds with night stand between, and three other large pieces of furniture—dressing table, dresser, and chiffonier or wardrobe. The standard sizes of furniture, have been indicated on the floor plans, from which it will be noted, there is also ample space for desk, sewing table and more than two chairs in most of these rooms.

The second and third bedrooms, have been arranged to provide comfortably for double bed, night stand, and at least two other large pieces of furniture. In many of these rooms, twin beds could also be used along with the other usual pieces, without crowding. All bedrooms are planned to give access to both sides of the beds, which means no moving of beds and scratching of floors, or wearing out of rugs.

A great many of the bedrooms have windows on two sides, providing cross ventilation and assuring well lighted, comfortable rooms.

Closets, Wardrobes and Linen Closets

ALL bedrooms have been provided with closets of ample size. In some of the larger bedrooms, two closets have been provided. Many of the bedrooms have closets of the wardrobe type, some with double doors. All of these wardrobe closets, have a depth of at least 2'-0". All closets are provided with hanging poles, enabling the clothes to be placed on hangers in the most accessible manner.

Linen closets, mostly with wide doors opening to view the entire front of shelf space, have been provided in the second story halls of all houses and, as elsewhere mentioned, a separate towel case, or supplementary linen cupboard, has been provided in the bathrooms.

In several of the houses where the attic space is limited, large storage closets for trunks, etc., have been arranged in the second story under the pitch of roof. In all other houses, trunk storage space is provided for in attic.

Clothes Chutes

ON nearly all of the plans, clothes chutes from second story to basement have been indicated, as this is a convenience that many housewives either demand or desire in their homes. These chutes have doors located in a convenient place either on second floor or on stair landing, passing either through or convenient to kitchen and dining room on first floor.

Where not desired, these chutes can very readily be omitted without making any change in the plan arrangements, as they are located mostly in closets, rear halls, or alongside of kitchen chimneys.

Bathrooms

MOST of the bathrooms have been planned to accommodate a 5'-6" bath, a toilet and large-sized lavatory, a few being planned for the quite generally used 5'-0" bath. All have been provided with towel or linen case, separate from and in addition to, the main linen closet. The space for baths has been so arranged, that they can be of the built-in type, equipped with showers, a most desirable feature. Except in the two cases where private bathrooms, connected with main bedrooms, have been indicated the bathroom is arranged with a single door opening from the hall or passage, and all doors to bedrooms eliminated, as connecting bathrooms seldom constitute a really satisfactory arrangement for the average American family, except where such baths are private to these bedrooms.

In many of the houses only one bathroom has been provided, as it was felt that the toilet on main floor, makes an extra bath unnecessary, where the family is small. The resulting saving in cost, was considered advisable in houses of this type. The plans, however, can in most cases be rearranged so as to permit installing an extra bathroom, by a little reduction in the bedroom accommodations.

Third Floors

THERE are no third floors, or finished attics, in any of the houses, all of the bedrooms being arranged in the second story; with the exception of the bungalow plans, which have

the bedrooms on first story, with such roomy attic space that may be utilized for additional bedrooms and bath, if desired.

In most of the plans, the roof has been kept low for the sake of economy and appearance, and the attic space therefore does not have enough head-room for other than storage purposes. The roof lines have been kept simple, and, as far as practicable, unbroken by dormer windows above the second story level.

In some of the houses, not even an accessible attic has been provided, the attic space being utilized only to separate second story ceiling from the roof, for the purpose of insulation against heat and cold. Where the attic space is of appreciable size, permitting it to be utilized for extra rooms, a built-in stairway to it, has been provided. In all other houses, the attic space is reached by a folding stairs, built above a suitable panelled door in the ceiling of second story hall, where it is out of sight when not in use, and does not occupy any valuable floor space.

General Notes on the Rooms and Window Arrangement

BEFORE closing our description of these INDIANA LIMESTONE homes, we again want to call the prospective home builder's particular attention, to the sizes of the rooms, their width and general proportions.

Just compare these houses with any other series of house designs, that you may be familiar with, note how carefully the swing of doors has been figured in relation to the furniture, and the study that has been given to the placing of windows, and the arrangement of wall space, for the convenient placing of furniture. Notice that all closet doors open toward the light, that the position and size of windows provide well lighted rooms, and how the placing of windows in two walls of most of the bedrooms, and kitchens, provides cross ventilation, affording cool, comfortable rooms.

There are no awkward shaped bedrooms, no cramped halls or narrow passages, no awkward stair arrangements or landings, and no objectionable windersteps on main stairs. Measure these plan features and compare them with others, and you will readily see wherein these designs for INDIANA LIMESTONE houses excel, and assure you

a home of maximum comfort, permanence and beauty, and consequently high investment, sale or rental value.

Plot Plans

APPROPRIATE plot plan studies, showing all of the various treatments, have been included with all of the designs, as this was considered an important element, in the planning of a satisfactory arrangement of the home site. These plot plans, show the houses placed upon the sizes of lot, that are considered proper for houses of the types embraced in this series.

Some of the plot arrangements are more or less formal in treatment, and others decidedly informal, appropriate to the character of house design. They are included only as suggestions, because practically all of the house designs are sufficiently free in treatment to permit of varying the arrangement and planting of the site, dependent somewhat on the particular design, kind of lot, and character of the surrounding property.

Garages

THE very general use of the automobile, by suburban home dwellers, and the convenience of having the car housed in private garage located on the site in proper relation to the house, makes the garage and its location on the plot plan, a necessary feature of modern house design. This has been recognized, and a garage arranged for on all of the plot plan layouts.

The placing of garage, with proper relation to side entrance or service part of house, along with an appropriate driveway arrangement, has been treated as a governing factor in the plot plan layouts.

A single car garage is shown in most cases, but a two-car garage, could in nearly every instance be substituted, without changing the position of house or greatly disarranging the layout of the plot plans.

In several of the designs, the garage has been attached to the house.

The Cost and Your Decision

IN ANY really good house, the little extra cost for building it with INDIANA LIMESTONE faced walls should not deter its use. The home builder who really wants something distinctive, or differ-

ent, should not hesitate to decide at once on the use of this material, because of the better and more lasting fine appearance, and the substantial increase in value that will result. In fact, the higher mortgage value, will usually more than provide for this added cost.

A stone house is a welcome variation to what is usually found in houses of moderate size, on comparatively narrow lots. Its different color effect and different exterior design, will give it individuality, and make it at once, the most striking and probably the most attractive house along the street.

Distinction of this sort is more of an asset than at first thought, it may appear. To be the possessor of "that picturesque limestone house on Blank Street," gives the owner a certain standing among his friends and in the community.

The more practical advantage, is the greater ease of selling such a house, should the time ever come to dispose of it. INDIANA LIMESTONE will truly *magnify* the beauty of your new home.

The use of the rough-sawed limestone of the "Short-length" classification, keeps the cost down to a surprisingly low figure, far below the en-

hanced value, directly attributable to the use of stone, whether appraised only by sentimental standards, or calculated in dollars on the basis of its selling price.

How to Obtain the Rough-sawed INDIANA LIMESTONE

THE rough-sawed INDIANA LIMESTONE, of any of the grades customarily produced in the sawed strip form, for masonry facings of residence walls, is supplied to home builders, either direct from the quarry producer's mills, or through the local Stone Contractor, or Mason-builder.

The Indiana Limestone Company is prepared to quote you prices on this stone, or will at all times be pleased to put prospective users in touch with the concerns, who can promptly serve their requirements.

INDIANA LIMESTONE is regularly shipped, in both the rough and finished state, to all parts of the United States and Canada. Stocks of it are carried at the distributing centers, in most cities, and in many of the smaller towns.

INDIANA LIMESTONE is a *Natural Stone*, not a manufactured product. It is a fine, even-textured, non-crystalline limestone of beautiful soft color-tone, ranging in the various grades from a somewhat grayish buff on through silver gray to a medium toned gray of slightly bluish cast. The massive deposit forming the ledges in the hills of Southern Indiana, from which this fine, easily worked, yet durable and permanent stone is quarried, constitutes one of the most wonderful and probably the most useful of building stone deposits in the world.

INDIANA LIMESTONE, or BEDFORD STONE, as it was formerly called, has now become universally famous as a building material throughout the entire country, by reason of its use in so many of the finest structures during the past sixty years. It is recognized as the most important of natural building materials and is justly termed "THE NATION'S BUILDING STONE," on account of its wide range of usage in all kinds of structures, from the humble home to the finest of monumental buildings.

The INDIANA LIMESTONE COMPANY maintains a *Service Bureau* for the use of Architects, Contractors and others interested in building. A department of this Bureau is devoted to the handling of Home Builders' problems.

Address P. O. Box 401, BEDFORD, INDIANA.



INDIANA LIMESTONE

A product that will assure you a home of Beauty, Dignity, Permanence and the Highest real value, a building that will age gracefully, which you will be justly proud to own as a Permanent Home. Your FAMILY'S HEARTHSTONE

The NATION'S BUILDING STONE



INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Designs for
INDIANA
LIMESTONE
Homes

The Small Colonial House—Design 201

An ideal small home having fairly large rooms and unusually compact modern floor plan arrangement

THIS house design shows the adaption of the stone Colonial cottage of pleasing simple lines to a rather unusual but decidedly interesting plan arrangement. The exterior has a dignified appearance and an air of refinement and comfort. No style of architecture so successfully achieves this effect as that prevalent during the early Colonial days when materials were used in a simple and logical manner, and for that reason this type of home has justly remained popular to the present day whereas many other styles have come and gone.

A study of the plans, their completeness and splendid arrangement of the floor plans for a small house, will surely delight the most exacting housewife.

The central chimney of stone is an economical feature that was frequently employed by Colonial builders.

This well planned INDIANA LIMESTONE house would make a delightful home for any small family. The straightforward and logical plan arrangement is based upon average present day living requirements and would have to be lived in to be fully appreciated, as few six-room houses are so compactly and conveniently planned. It will be noted that the position of furniture is shown on plans and ample space for the proper furnishing of all rooms has been provided.

Every one knows that with a limestone house there will be no cost for maintenance or repair insofar as the walls are concerned, and with a roof of slate or tile and the cornice, entrance feature and porch columns changed from wood to stone, the exterior would be truly everlasting in every respect and, what is equally as important, everlastingly beautiful.

Space for a driveway is shown along the left side of house to garage located just back of house, on the side of lot. The side entrance therefore serves also as an auto entrance.

This house is intended for a 60-foot lot but could be satisfactorily placed on a lot as narrow as fifty feet, if a driveway was not required along the side.

The plot plan shows a very pleasing scheme for a house of this type. From the porch and from the gate to service yard at garage, two garden walks lead back to the pergola placed across the back of rear lawn, thus encircling an open garden space in the center of which a carved limestone bath or sun dial could be placed.

The planting of shrubbery is kept outside of this central space, thus giving an open effect to the garden so desirable for the ordinary narrow-width lot like the one on which this house is shown placed. There is just enough shrubbery around the house to provide an appropriate and handsome setting and contrast to the light color of the stone walls and at the same time have ample lawn areas. Flower borders have been provided, yet everything kept simple and open in effect.

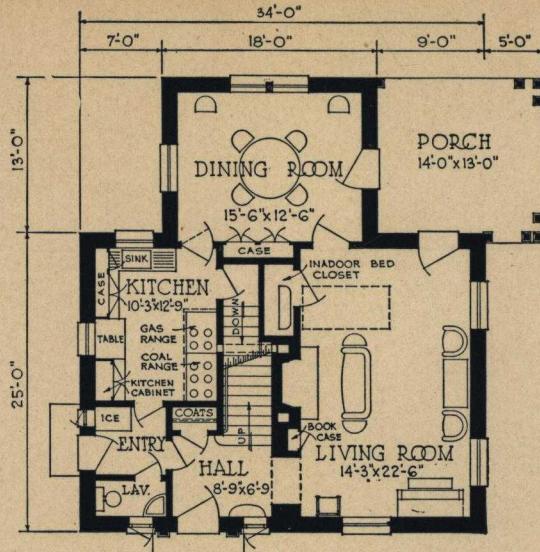
At rear of pergola the remaining space on lot has been set aside for a play yard, tennis court or vegetable garden, according to taste of owner.

Furthermore the plan and design of this little house and its economy is such that it possesses great general utility for the small suburban home builder because it lends itself to so many different conditions of site. It could be built quite close to the sidewalk in built-up sections or be located well back on the lot in more rural suburban sections.

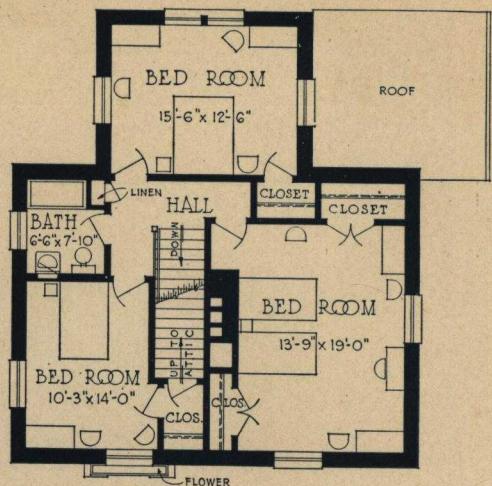
Style of house,
compact plan and
other advantages

Size of lot
Required:
60' 0" wide by
any suitable
depth.

Cubic Volume:
35,900 cu. ft.
from cellar floor
to roof line,
including an
allowance for
porch



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Design No. 201. *Size: Width 34 feet plus 5-foot extension of porch at rear; overall depth 38 feet. Note the compact plan with central stairway and chimney. The convenient grouping and arrangement of Entrance Hall, Rear Entry, Toilet, Coat Closet and Stairway and their relation to both Living Room and Kitchen are features of the first floor plan that make it one of exceptional merit. On second floor an equally convenient and space saving arrangement will be noted, all three bedroom doors are but a step from bath room and all bedrooms have cross ventilation.*

This design very satisfactory for a lot facing either north, south or west, probably best facing west or with plan reversed for a lot facing east

Floor Plans
and Their
Arrangement

Few small houses have such a nice square entrance hall and upper stair hall and such a convenient kitchen and rear entry arrangement. The kitchen is just a step from the front door and yet is well separated from entrance hall and living room. To one entering the house the little square hall seems like a tiny reception room with its console table under window and panelled doors leading to living room, rear entry and coat closet. This coat closet is a roomy one of the wardrobe type, with cupboard below for rubbers, etc. Opening from the rear entry just a step off main hall there is a toilet, a fine arrangement especially where there are children.

The straight wide stairway is of the simplest type, takes up the least amount of space and is the most economical to build.

The compact and convenient arrangement of the plan and the small percentage of the space taken up by halls is at once evident.

The living room, entered to right of hall, measures 14'-3" x 22'-6" and has windows on three sides. There is a large open fireplace on the long inside wall of living room of the delightfully naive early colonial type, consisting of simple stone fireplace facing and hearth enclosed with wood panelling in which there is a built-in book case on one side and a large in-a-door bed closet on the other, both built in as a part of this panelling.

At the rear of living room there are two glazed double French doors, one pair leading to porch

and the other to dining room, which also opens onto the roomy square porch.

It should be noted that three of the six rooms have windows on three sides and the other three on two sides, assuring the greatest possible cross-ventilation and therefore cool rooms in summer.

There is a large built-in china closet in the dining room right beside door to kitchen.

The kitchen is an unusually well planned and compact one. There is a coat closet in the entrance hall and in the rear entry leading off of same there is a lavatory and space for refrigerator which is iced from the outside. The kitchen thus being placed between the entrance hall and dining room with ready access to stairs and to rear entry means a minimum amount of steps to the housewife. The kitchen has ample space for all of the necessary fixtures, including two ranges, and has windows on two sides.

On the second floor there are three bedrooms and bath, all with very ample closet space. One of these bedrooms is quite large, 13'-9" x 19'-0", and the second bedroom is also of good size, being 12'-6" x 15'-6". The third could serve as a den, study or sewing room, if not required for maid's or child's bedroom.

Bedrooms are so arranged to give free access to three sides of beds, no moving of bed each day, with consequent scratching of floors and wearing out of rugs.

From a cupboard in the small bedroom there is a stair leading to storage space in attic.



DESIGN No. 201

© I. L. Q. A.

Modern small
colonial house:
six rooms, hall
and bath, with
secluded porch

The walls are faced with a rough-sawed coursed Ashlar of Rustic Buff INDIANA LIMESTONE having the end joints a little irregular, and laid up with a fairly wide mortar joint.

The beautiful coarse-grained, somewhat crystalline rustic stone will give to this house an aged appearance similar to that which the old stone houses built by the more prosperous early settlers in our eastern states now have.

There is not a piece of cut stone in this house outside of the window sills, all of the facing being of the rough-sawed stone jointed off to required lengths by masons on the job. It is therefore a most economical stone house to build.

The simple lines of gable roof are unbroken by dormer windows. This roof is intended to be of blue slate preferably a light grey blue, rather than the ordinary dark blue slate. A roof of shingles stained green or green shingle tile could of course be used. A zinc lined flower box crowns the front entrance feature.

The gable ends of porch are finished with clapboarding or drop siding and the columns are plain square posts with simple cap and base mould nailed on.

The trim, window frames, porch, entrance feature and cornice is of wood painted ivory white or light buff, excepting the second story shutters which are painted a dark sage green.

The colonial sash windows with muntins and blinds give a cozy appearance that is never possible with undivided sash glazed with single sheets of glass.

The finely detailed colonial cornice and main entrance, constructed of wood according to good colonial models, are the only exterior features that are not purely utilitarian in character.

The living room has an unobstructed view of the front street and through porch to the garden at rear. The dining room also has view on three sides and French doors to porch.

This porch can be enclosed with glazed sash, providing a sun room. Its location is such that while it overlooks both the garden and street, the maximum amount of privacy is afforded. In fact, the plan of this house is such that it could be located on a comparatively narrow lot and be placed fairly close to sidewalk line. The ultimate amount of privacy is afforded by the plans of this house.

Color Scheme of
Limestone Walls
and other
Exterior Finish

INDIANA
LIMESTONE
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

The new
Portfolio of
House Designs
which all
home builders
should obtain

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A small charge will be made for this portfolio to cover the cost of printing only. *See order blank enclosed herewith.*

Service to the Home Builder

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This department is prepared to answer your questions about INDIANA LIMESTONE and its use for moderate cost houses. Do not hesitate to write for any information desired, if interested in the use of stone for any purpose, whether this be in connection with facing the entire walls of your building, or only for steps, sills, lintels and other architectural trim in walls built of brick, tile or any other form of masonry.

The rough-sawed quarry-run grade of INDIANA LIMESTONE is supplied to home builders, either direct from the quarry producer's mills, or through the local Stone Contractor or Mason-builder. The Indiana Limestone Quarrymen's Association has nothing to do with the sale of the product but will at all times be pleased to put prospective users in touch with the concerns who can promptly serve their requirements.

INDIANA LIMESTONE is regularly shipped in both the rough and finished state to all parts of the United States and Canada. Stocks of it are carried at the distributing centers in most cities and in many of the smaller towns.

An interesting booklet, Volume 1 of the INDIANA LIMESTONE LIBRARY, which fully describes the stone and its structural qualities, will be sent free upon receipt of postal request.

INDIANA LIMESTONE; formerly called Bedford Stone; is a Natural Stone, not a manufactured product. It is a fine even-textured non-crystalline limestone of beautiful soft color-tone, ranging in the various grades from a somewhat grayish buff, on through silver gray to a medium toned gray or slightly bluish cast. The massive deposit forming the ledges in the hills of Southern Indiana, from which this fine, easily worked, yet durable and permanent stone is quarried, constitutes one of the most wonderful and probably the most useful of building stone deposits in the world.

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Bedford, Indiana, June, 1923

No. 1 of
Volume 5
INDIANA
LIMESTONE
LIBRARY

Series B

The Italian Style House—Design No. 202

Square and Simple in Plan

An American Type Home with just the right amount of Formal Style in the Exterior Architectural Treatment

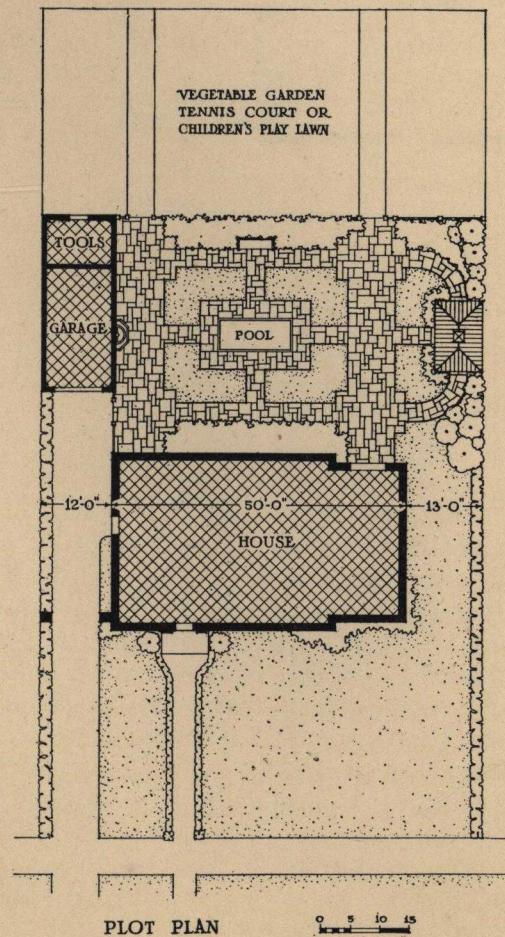
THIS house is one in which distinction is afforded at moderate cost. It is not an elaborate Cut Stone house, but it is built almost entirely of rough-sawed stone laid up in regular coursed ashlar, with a moulded cornice belt and an entrance feature of dressed stone. The sun room is built entirely of sawed stone, the ornamental treatment being provided by painted wood lattice applied over panels formed by recessing the stone facing.

The composition is a most pleasingly formal one, the sun room wing being balanced on the opposite side of house with stone posts supporting a wrought iron lantern, forming a gateway to service yard and garage. Another lantern of interesting design is hung over the main entrance, the door of which is heavily paneled in true Italian fashion.

The fairly large Living Room, planned in suite with Dining Room and Sun Room, provides an unusually con-

venient and attractive arrangement. The Living Room is lighted by a large French window on front and from the glazed door opening onto Sun Room, which is flooded with light from French windows on three sides. Therefore, while Living Room is sufficiently well lighted, the wall space is not cut up with a lot of windows. This leaves plenty of space for furnishings and hangings appropriate for a home designed in this style.

This house is shown on a 75-foot lot, as it measures 62 feet overall, including gateway, and should have a fairly broad lot for the best effect. The width of lot could be reduced by changing position of sun room from the side of house, building it on the back of dining room, as shown by Alternate Plan. In this case the piers and lantern at driveway entrance balancing sun room on front, should be omitted. With these changes it could satisfactorily be built on a 60-foot lot.

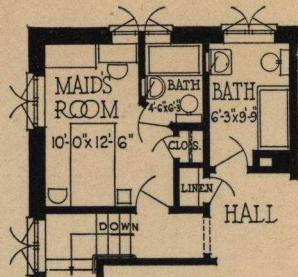


Style of House
and its Exterior.
Features of first
floor arrangement

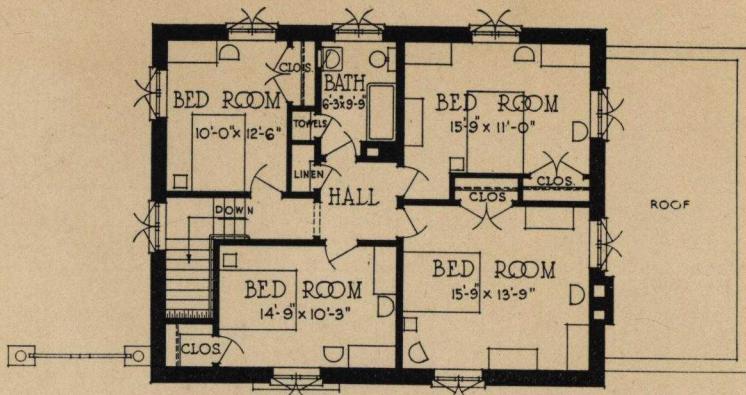
Size of Lot
Required:
75' 0" wide by
any suitable
depth

Cubic Volume:
41,800 cu. ft.
from cellar floor
to roof line
including
Sun Room

THE
NATION'S
BUILDING
STONE

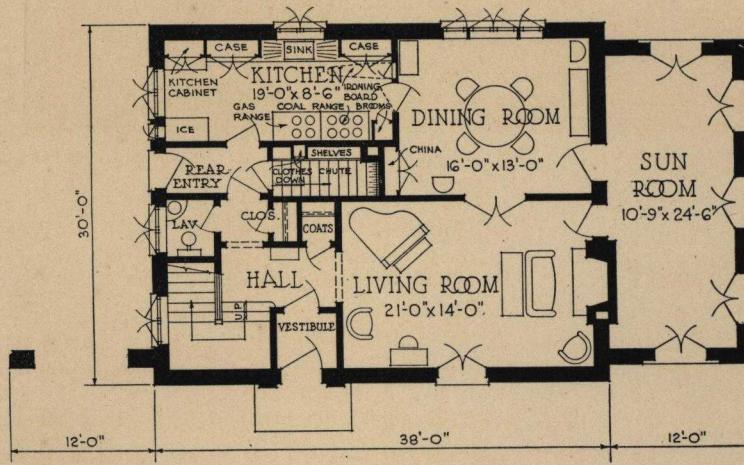


ALTERNATE PLAN SHOWING
MAID'S BED ROOM AND BATH

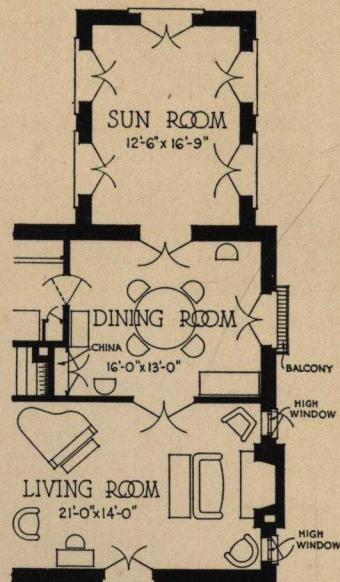


SECOND FLOOR PLAN

This design best suited for a lot that faces west or south, or with plan reversed for a lot that faces east or northeast



FIRST FLOOR PLAN



ALTERNATE PLAN SHOWING
SUN ROOM AT REAR OF HOUSE

Floor Plans
and Their
Arrangement

Alternative Floor
Plan Arrangement

See first page for
further description
of this house, size
of lot and exterior
features and last page
or layout of Garden

The floor plans show an improvement on one of the typical Reception-Hall types. From first floor plan it will be noted that main entrance is some distance away from sun room, thus assuring the desirable privacy for that feature. The house is entered through a vestibule. The entrance hall is small, but conveniently arranged with two coat closets and down-stairs toilet, and with convenient access to the rear entry, cellar-stairs and kitchen.

Both Living and Dining rooms open onto the Sun Porch, enabling the rear end of it to be utilized as a Breakfast or Tea Room, and thus reserve the Dining Room for more formal occasions.

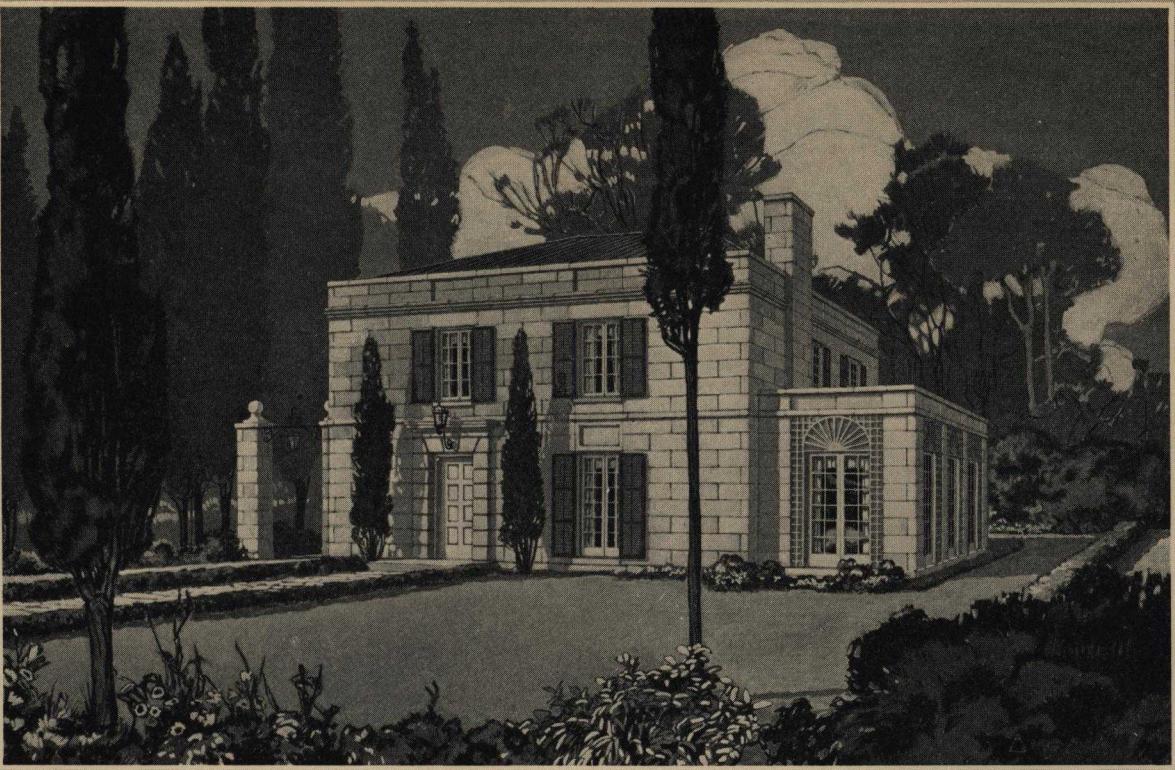
Walls of Living Room are intended to be finished in light colored plaster.

At one end of this room there is a

large INDIANA LIMESTONE mantel of Italian renaissance design. This mantel, a somewhat simplified form of the usually ornate Italian jamb and lintel style fireplace, is built of Indiana Travertine with a hearth of limestone and a lining of gray fire-brick laid herringbone pattern.

The Dining Room has a group of four casement windows overlooking the formal garden at rear and is connected to Living Room with wide glazed doors. There is an ample china closet in one corner of Dining Room.

The stairs of this house are very interesting—partly open, designed in keeping with the style of house, and the arrangement of this stairway to second story is one that permits a decidedly effective architectural treatment.



DESIGN No. 202

© I. L. Q. A.

Italian House:
Seven Rooms,
Sun Room
and Bath

On the second story there are four good sized bedrooms, all with ample closets. The three principal bedrooms and bath open from a square hall—and the fourth bedroom is so arranged that it is easily shut off from the others and can be set aside for the use of maid.

Should it be desired to keep a maid and to assign this room for that purpose, a maid's bath would be desirable. The alternate arrangement of the second floor plan shows how this can be done. It will be noted that this rear bedroom is cut off entirely from the remainder of the second floor by placing the door at head of stairs, giving the desired privacy to the other three bedrooms and bath used by the family; also, that the single stair does not result in sacrifice of the convenience or privacy of the arrangement.

Three of the bedrooms have windows on two sides, assuring cross ventilation.

An interesting feature is the sun room, which is substantially enclosed with glazed doors and is heated. It is therefore not simply an enclosed porch but really an extra room that can be furnished

for all year around use. The floor of sun room is of 18-inch square tiles of hard gray INDIANA LIMESTONE, laid in diamond pattern with a plain border.

A French window from main front bedroom opens onto roof of sun room which is intended to be covered with a canvas decking. This roof may be transformed into an entirely open second story veranda for summer use, by covering it with a gaily striped awning supported on a removable frame work of galvanized pipe.

The walls of this house are built of the sawed vari-textured "Short-length" Buff INDIANA LIMESTONE. The warm buff tone of the walls, with sage or olive-green blinds, the entrance door and window frames painted a deep ivory color, and the wood lattice in panels of sun room painted a light shade of gray-green, will provide a most attractive color scheme. The light green of lattice will blend with the darker color of blinds and at same time furnish just the right contrast to color-tone of stonework. This is a plain lattice formed of wood strips, set two inches out from the face of stone panels.

Color Scheme of
Limestone Walls
and other
Exterior Finish

**INDIANA
LIMESTONE**
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home of permanent
beauty and the
highest sale value

The roof of this house is of low pitch, formed of sheet metal, tin or terne plates, laid with wide standing seams and painted a dull Venetian red. The metal lining of the gutters would be turned up against the back of parapet wall and under the stone coping, thus making a very tight roof. It will be noted that there are no exterior down-spouts, the rainwater drains being placed inside the walls.

There is a cellar under main portion of house. The space under Sun Room is not excavated, except to provide the space required for heating pipes.

Note the handsome appearance of this fine INDIANA LIMESTONE home, also its simplicity and freedom from elaborate architectural features.

Seldom is so much distinction in effect to be found in a modern sized house, planned for the small family with not over one servant. In fact, this house is really planned for the housewife who is obliged to do her own work with only occasional help for laundry or other rough work.

The Tea House shown opposite to the Garage on plot plan, is the principal feature of garden and forms a delightful retreat sheltered in shrubbery, but with full view across garden and overlooking the side lawn and street. There is a lily

pool in center of Garden, with moulded curb walls of stone.

The Garage is intended to be located close to the rear corner of house, walling in one end of the Formal Garden which extends across back of house. The Wall Fountain shown on side of garage forms one of the terminal features of this garden at end of the central path on axis with Tea House.

The wide main cross walks in Garden, one of which leads out from end of sun room, are intended to be paved with limestone flagging to serve as a proper floor for chairs and other movable garden furniture, as this wide walk and the one at fountain are both intended to be used as outdoor living rooms in summer. The other walks may be either graveled or similarly paved with flagging.

If the Alternate Plan with sun room on rear of house was used, the layout of Garden would, of course, be changed to conform with this arrangement.

Built of INDIANA LIMESTONE, this home would be an ornament to any community, a delightful home in which to live, always handsome in appearance and possessing permanently high value. Being square in plan, with simple roof lines, this house is an economical one to build.

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INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 3

Portfolio of
Designs for
INDIANA
LIMESTONE
Homes

The English Cottage—Design No. 203

Compactly planned with no waste space

A Convenient American Type Home of English Style

THIS house design is based upon a delightful type of rural English cottage. Although the house is small and compact, it is one that affords every convenience, and is in every way a desirable home for a small family; low in cost, easy to heat in the winter, and easy to take care of. With the aid of a well equipped laundry in the basement, the housewife with a couple of small children would have no difficulty in doing the work in this house without additional help.

Furthermore, there would be no exterior maintenance expense. The doors and windows are the only woodwork on exterior; there are no porches or other outside features requiring even occasional attention; the little entrance porch is entirely of stone. It is a type of house that could be locked up and left for several months each year if desired.

A paved terrace, either at front or rear, is intended to take the place of the usual porch, and direct sunlight is therefore assured to all of the first story rooms.

The terrace, enclosed with a hedge, is shown extending across the back, with

French door opening from the dining room. Floor of this terrace is paved with large irregular broken slabs of limestone, laid with about 2-in. space between the stones for grass. The paving can be omitted where it is desired to plant vines or flowers along walls of house.

An alternate arrangement is to omit the terrace at rear, and to provide a similar terrace across front of house except where the house is to be built fairly close to the road.

It will be noted that a simple type of outward opening casement window is used throughout the entire house. The necessary screening of these windows is taken care of by screens, having either wood or metal frames, set inside of the casement sash, which are operated by a suitable casement adjuster.

This house is designed for the comparatively narrow lot which is found in so many residential suburbs. This house having a total width of only 28 feet, can be built on a 40-foot lot, even when it is necessary to provide space for driveway along one side to garage at rear.

Style of House,
Convenience of
the Plan and
Other Features

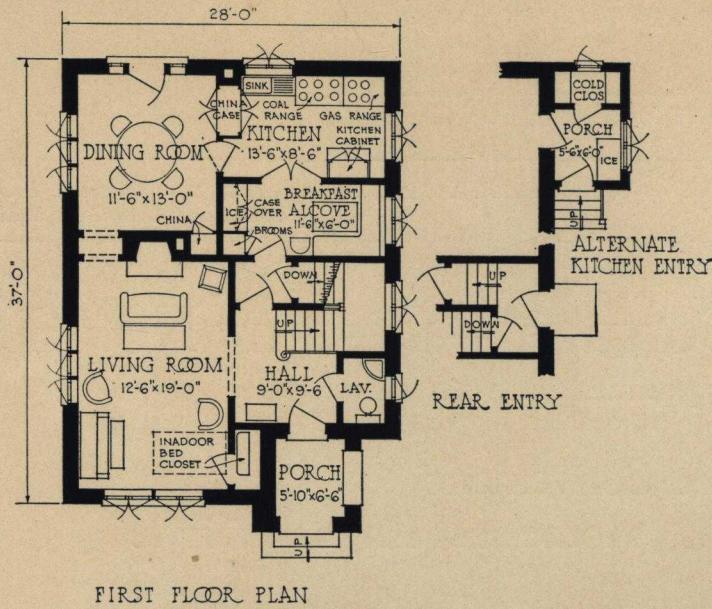
Size of Lot
Required:
40'0" wide by
any suitable
depth

Cubic Volume:
28,200 cu. ft.
from cellar floor
to roof line,
including
Porch

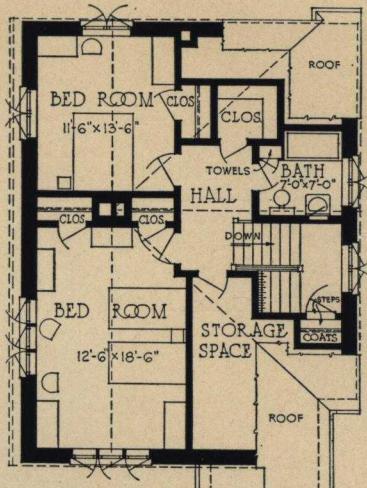
THE
NATION'S
BUILDING
STONE

This design best suited for a lot that faces south or east, or with plan reversed for a lot that faces west or north

Floor Plans
and Their
Arrangement



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Design No. 203. Compactly planned, convenient English cottage style home, overall size 28'0"x37'0". The various features and the convenience of the floor plan arrangements should be carefully noted.

There is a cellar under entire house, except under front entrance porch which is not excavated.

The house is entered through an arched entrance porch, which could be enclosed in winter to serve as a vestibule. In the first floor hall a toilet has been provided, an unusual convenience in a house of this size. From the hall an open stairway, convenient to both living room and kitchen, leads to the second floor. A coat closet is arranged opening from stair landing, placing it convenient to both floors.

To the left of this entrance hall is a good size living room, 12'6" x 19'0", with a group of casement windows overlooking the street. An "In-a-Door" bed closet opening from front portion of this living room is provided, enabling the living room to be used to supplement the bedroom accommodation. At one end of the living room there is a simple Early English style Limestone mantel and at the side of this fireplace an arched opening leads into the dining room.

The dining room is also of good size and is provided with two china closets, one of these opening into both the dining room and kitchen, enabling the dishes in everyday use to be reached from either side. The dining room overlooks the garden and lawn at rear.

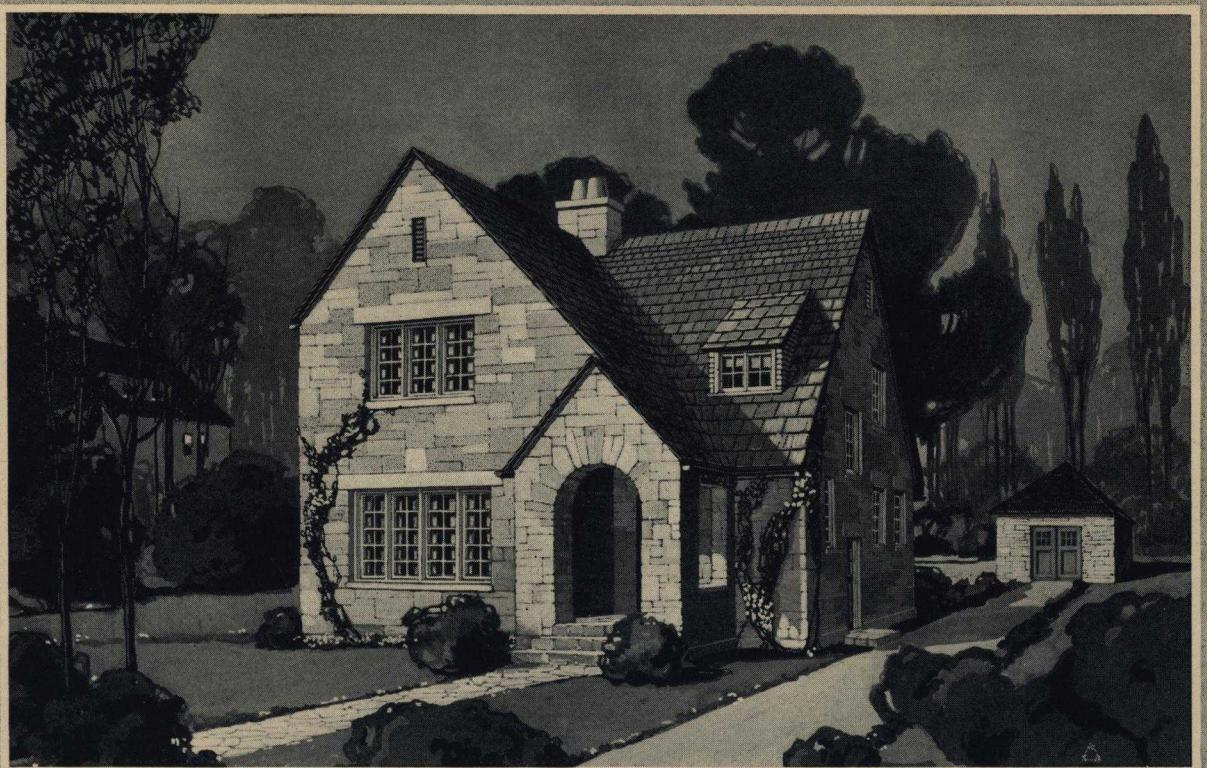
In addition to the dining room, there is a breakfast alcove with glazed French

doors opening from kitchen, making it unnecessary to use the dining room regularly. The kitchen, while comparatively small, is well arranged, and in combination with the dining alcove provides a working arrangement that will save the housewife many steps.

The refrigerator is placed in the breakfast alcove where it can be readily reached from the kitchen or from entrance under stairway. This rear entry located under stair landing and opening onto driveway at side of house, provides direct access to cellar, and also serves as the kitchen entrance, eliminating all service features from the rear or garden side of house.

In the second story there are two bedrooms and bath, with very ample closet and storage space. Bath room is provided with towel case. Both bedrooms are corner rooms having windows on two sides providing cross ventilation, assuring cool rooms in summer. The main bedroom is exceptionally large for a house of this size and the second bedroom is also of good size.

All closets have sufficient depth to be treated as wardrobe closets and are provided with hanging poles. Storage space for trunks, etc., is provided under the roof over front entrance porch, making access to attic space unnecessary.



DESIGN No. 203

© I. L. Q. A.

This house would be a very economical one to build. It is very nearly square in plan, and the first floor is set fairly close to the ground level, resulting in a minimum amount of masonry wall for the area of interior accommodations provided. The central chimney takes care of all flues.

A study of the plan will clearly indicate the convenience of the entire arrangement and the fact that there is no wasted space.

An alternate arrangement would be the addition of a kitchen entry porch with a cold closet, as shown by "Alternate Kitchen Entry" plan, permitting the refrigerator to be placed either on this porch or in the breakfast alcove, as preferred by housewife.

INDIANA LIMESTONE has been very ingeniously treated to give the house a distinctive style and it is one that will look well in almost any locality.

The color scheme for this cozy little home is gray buff for the walls, brown for the woodwork and dull red for the roof.

The walls are intended to be built of Random Ashlar, using the rough sawed-finish quarry-run INDIANA LIMESTONE which embraces the full range of buff and gray color-tones of the stone.

The woodwork of the doors and windows is stained a light chestnut brown, the small amount of exposed woodwork at the eaves being either stained or painted to match. The roof is of kiln-run red shingle tile, or of wood shingles stained a dull red. Tile chimney pots of the same color complete the scheme.

If a lighter effect is preferred, the window sash and front door could be painted a creamy white, the frames being stained or painted either brown or dull green and the woodwork of eaves similarly treated.

This attractive house built of beautiful INDIANA LIMESTONE would produce a home that would substantially increase the value of the land on which it was erected, a delightful home in which to live and an easy one to sell.

English Cottage:
Five Rooms,
Dining Alcove
and Bath

Color Scheme
of Limestone Wall
and other
Exterior Finish

Alternative Floor
Plan Arrangement

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INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Designs for
INDIANA
LIMESTONE
Homes

The Georgian Colonial House Design No. 204

A popular semi-formal type that is based on the more important Colonial houses in the English Georgian style

THE exterior of this house looks much like the typical center hall Colonial house, but it is much less formal and compact in interior arrangement and possesses many unusual features of merit.

No style of architecture so successfully achieves the dignified appearance and air of refinement and comfort so well as the Colonial, and this is especially true of the more formal type Colonial house, with walls built of stone. That is the reason why this type of home has justly remained popular to the present day, whereas many other styles have come and gone.

The arrangement of massive chimney flush on the two gable end walls is a notable feature of this particular style, the disadvantages of which in plan have been very successfully overcome in the floor plans of this house, by the closets and built in features.

The keeping of chimneys flush on outside of end walls, makes the limestone facing most economical to build as it is free from any breaks or corners on all four sides of house.

This facing while laid up as a coursed ashlar, has an informal treatment of the jointing almost like "Block-in-Course" work and is intended to be built of the rough sawed stone, jointed to length on the job by stone masons.

The finely detailed Colonial cornice, porch and main entrance feature are con-

structed of wood in accordance with good Colonial models.

There are no back porches or other unsightly features attached to the back of house; the rear has just as good an appearance as the front.

Instead of the usual spacious through center hall, a feature not appropriate to the small home, it will be noted that the halls are small and there is no waste space. The usual center hall feature has been so modified as to conserve and utilize to better advantage the valuable space usually taken up by a through center hall.

Every room in the house has windows on two sides assuring good lighting and cross ventilation.

The floor plans are simple and straightforward. A study of these plans, their completeness and splendid arrangement will surely delight the most exacting housewife.

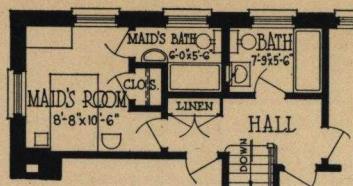
This house is planned to be placed on a 75-foot lot as shown by plot plan. Since all of the principal windows to rooms on left side face front and back, by placing the porch on rear, as shown by alternate plan, the left end wall can be built as close as 6-foot to lot line, enabling it to be built on a 60-foot lot, with ample width for driveway on right side.

A house of this character generally looks best when placed some distance back from street, with a suitable approach of lawn as indicated by the plot plan.

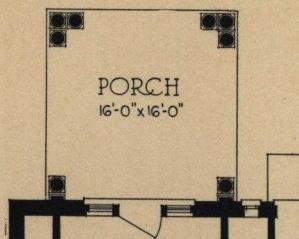
Style of House, Its
Exterior Features,
and Economy of
Plans

Size of Lot
Required:
75'0" wide by
any suitable
depth

Cubic Volume:
42,300 cu. ft.
from cellar floor
to roof line,
including an
allowance for
Porch



ALTERNATE PLAN SHOWING
MAID'S BED AND BATH ROOM



ALTERNATE PLAN OF PORCH
AT REAR OF BUILDING

This design best suited for a lot that faces south or west, or with plan reversed for a lot that faces east or north

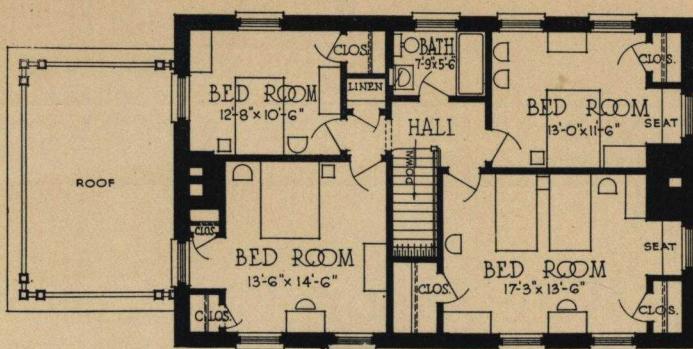
Floor Plans
and Their
Arrangement

Alternative Floor
Plan Arrangement

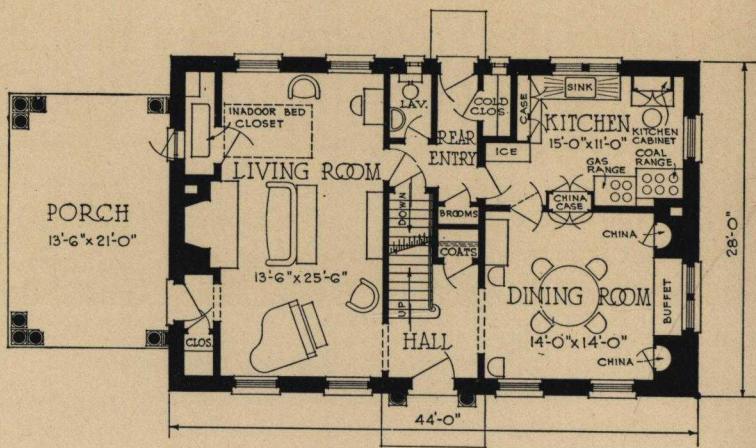
This house contains about every desirable feature of the modern home very conveniently arranged. The roomy open porch overlooks both the front street and garden at rear. The large living room is lighted by windows in the two ends. It is not dependent on windows at side, and is well adapted for convenient furnishing. The fireplace does not project into room in usual manner but is placed in an arched recess and is set back a little from face of wall, which enables a more cosy and satisfactory grouping of furniture around a real log or coal fire.

There is an "in-a-door" Bed Closet on one side of fireplace filling in space between rear wall and fireplace, and on the other side a small closet for porch pillows, books, etc., and a vestibule passage to porch. There is a door to rear hall from living room, enabling the rear hall, laundry and cellar to be reached from either side of first story.

The dining room is a square room of



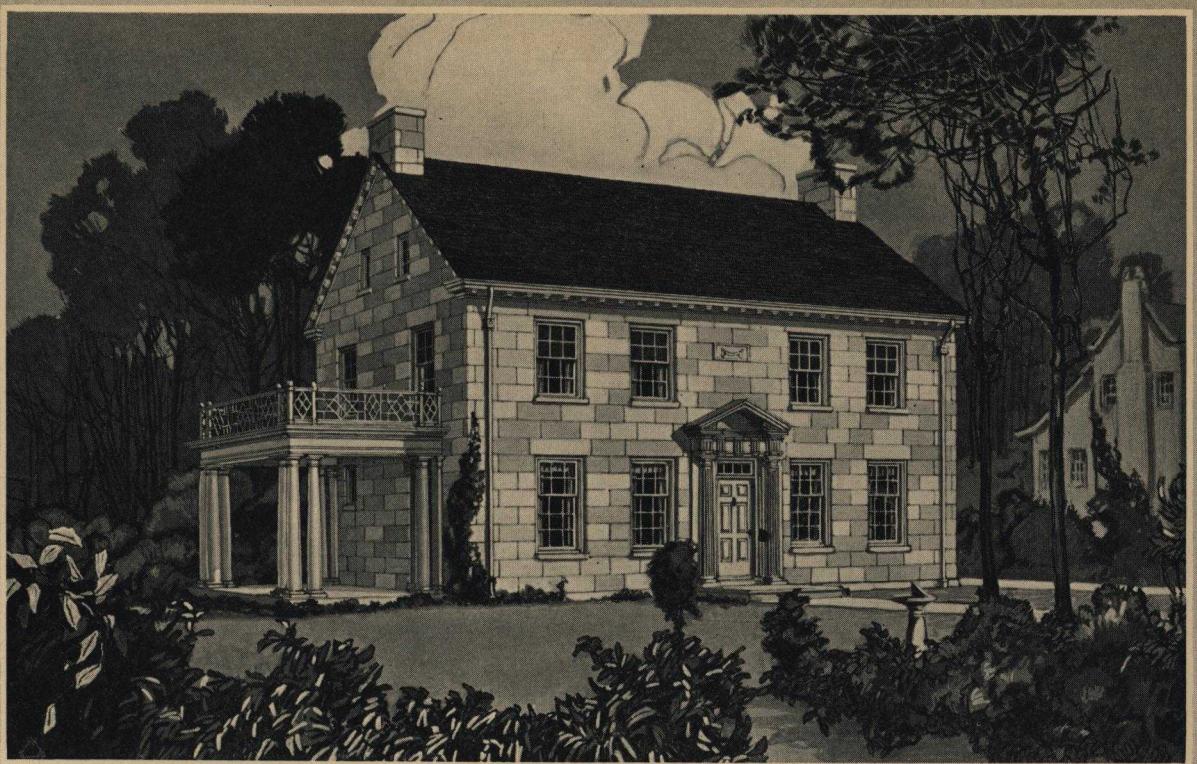
SECOND FLOOR PLAN



FIRST FLOOR PLAN

good size having a built in buffet under window flanked by two china closets of Colonial Niche type with glass doors. In the center of wall between kitchen and dining room there is a pass-through china closet with mirror doors in dining room side, permitting the dishes in every day use to be reached from both sides. The living room mantel is of Colonial design consisting of a moulded Limestone facing with honed finish set in wood panelling, and with fireplace opening and hearth lined with Gray Fire Brick.

On the second floor there are four good size bed rooms and bath all with very ample, deep closets. Two of the bed rooms have window seats, and if desired the third could also have a window seat placed in the recessed window by changing the position of small cupboard. The alternate plan of rear bed room shows how one bed room can be converted for use of maid, with the addition of maid's bath connected, directed to the plumbing of main bath.



DESIGN No. 204

© I. L. Q. A.

Colonial House:
seven rooms,
Bath and Porch

This house, while a little more formal in exterior appearance than some of the others, is really not a large house and unlike many houses of this style every foot of the enclosed floor space is utilized to good advantage.

There is no cut stone in this house excepting the door steps and sills. The exterior walls are faced with sawed finish coursed ashlar of Gray Indiana Limestone having a medium coarse texture sawed very roughly to give the desired modulation in color-tone of surface. Warmth of effect is obtained by painting the wood trim including windows, entrance features, cornice and porches, a light buff or deep ivory color, and front entrance door is of birch stained and finished mahogany color.

The windows are all double hung sash windows, divided into small panes in true Colonial fashion. The window frame boxes are exposed in jambs and are finished with a moulding applied to casing forming trim around windows, like the windows in the fine old Colonial houses designed in this style, giving this house a distinctive character.

The roof is intended to be either blue slate, dull finish medium green shingle tile, or of wood shingles stained that color.

This house design is one that is expressive of the very best American traditions, is free from ostentation and meaningless mannerisms and possesses a dignity that makes it so well suited as a home of the American cultured class.

The plot plan shows a simple, yet admirable treatment of the site, most of which is devoted to lawn with appropriate shrubbery planting. In corner of front lawn there is a sun dial and in the center of rear lawn a Limestone bird bath set in a bed of flowers.

The garage is so located that very little of it would be exposed to view from the front street and the service yard connecting garage and rear of house is enclosed with a lattice fence of moderate height, painted white.

The rear entrance hall opening into living room makes it unnecessary to pass through kitchen when entering house from garage, and the convenient location of toilet in this rear hall is a desirable feature.

Color Scheme of
Limestone Walls
and other
Exterior Finish

Plot Plan,
Garage, Etc.

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

The new
Portfolio of
House Designs
which all
home builders
should obtain

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Folder 5

Portfolio of
Designs for
INDIANA
LIMESTONE
Homes

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

The Dutch Colonial House—Design 205

A typical Dutch Colonial stone exterior design, with improved modern floor plan arrangement

A GREAT many excellent house plans have been prepared for this popular type of home built of various materials. The style is one that has been most frequently built with frame walls during recent years, but during Colonial days it was quite customary to build the lower story and end walls of stone, with shingles for the roof and other portions above, which is the scheme followed in this design.

In the preparation of the plans for this house a great number of the best houses of that type were studied and it is thought that the best features of these have been embodied in this design.

It is sturdy, homelike and thoroughly American in character and economical to build, on account of the minimum area of enclosed space and of masonry wall.

This design is considered to be one of the most generally useful, compact and convenient suburban homes in the series. The type of design with chimneys on gable walls and low gambrel roof with bottom flared out finishing in hood along the front and rear, is of a type that is familiar in every high grade modern suburban development.

The kitchen it will be noted, is an exceptionally well planned and convenient one, the sequence of operation in preparation and clearing away of meals being direct.

The arrangement of rear hall with toilet, coat closet and the alternate arrangement with provision for In-a-Door bed closet are considered to be an improvement in the usual center hall plan for houses of this type, by a better utilization of this space.

The service yard is enclosed with an ornamental trellis fence.

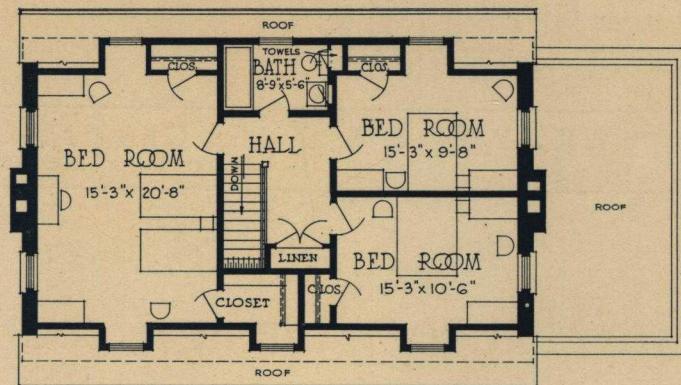
This house is an exceptionally compact one, there being no wasted attic space and, in fact, no waste space whatever. The house having a width of 55'0", including porch, should be built on a lot having a width of around 75'0", or more. By omitting the porch, or rather moving it around to the rear of living room, changing the two doors in side wall from French doors into windows and the windows at rear into one double French door leading out to porch, it could be built on a 60'0" lot. In this instance, the porch should be made approximately 14'0" square. The plan is one that could be built on a lot of considerably less depth than the one on which it is shown.

Houses of this type are so generally popular that they are always easy to sell profitably and especially when built of stone that will remain permanently beautiful and free from maintenance cost, are known to have a remarkably high sale value.

Style of House,
Convenience of
Plan and Other
Features

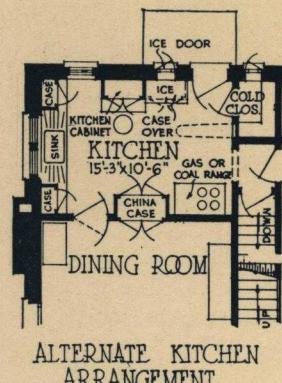
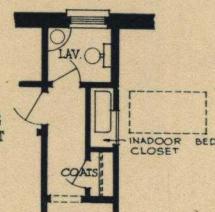
Size of Lot
Required:
60'-0" wide by
any suitable depth

Cubic Volume:
35,200 cu. ft.
from cellar floor
to roof line,
including an
allowance for
Porch

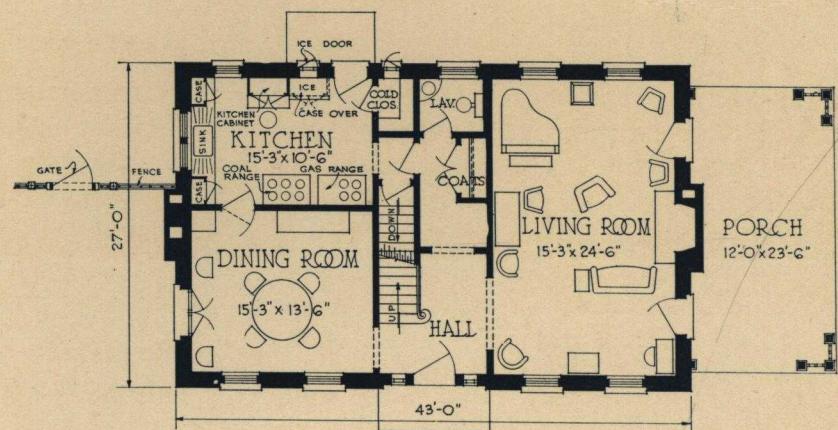


SECOND FLOOR PLAN

Design No. 205. A compact center hall plan, without the customary waste of space for halls. Overall size of house, including porch, 55'-0 by 27' deep. The pleasing low homelike effect of this house makes it suitable for either flat rural sites or for more or less wooded sites in rolling country. It is an informal type that will fit in well with any surroundings. There is a cellar under entire house excepting under the porch which is not excavated.



ALTERNATE KITCHEN ARRANGEMENT



FIRST FLOOR PLAN

This design best suited for a lot which faces south or west, or north and with plan reversed for a lot that faces east

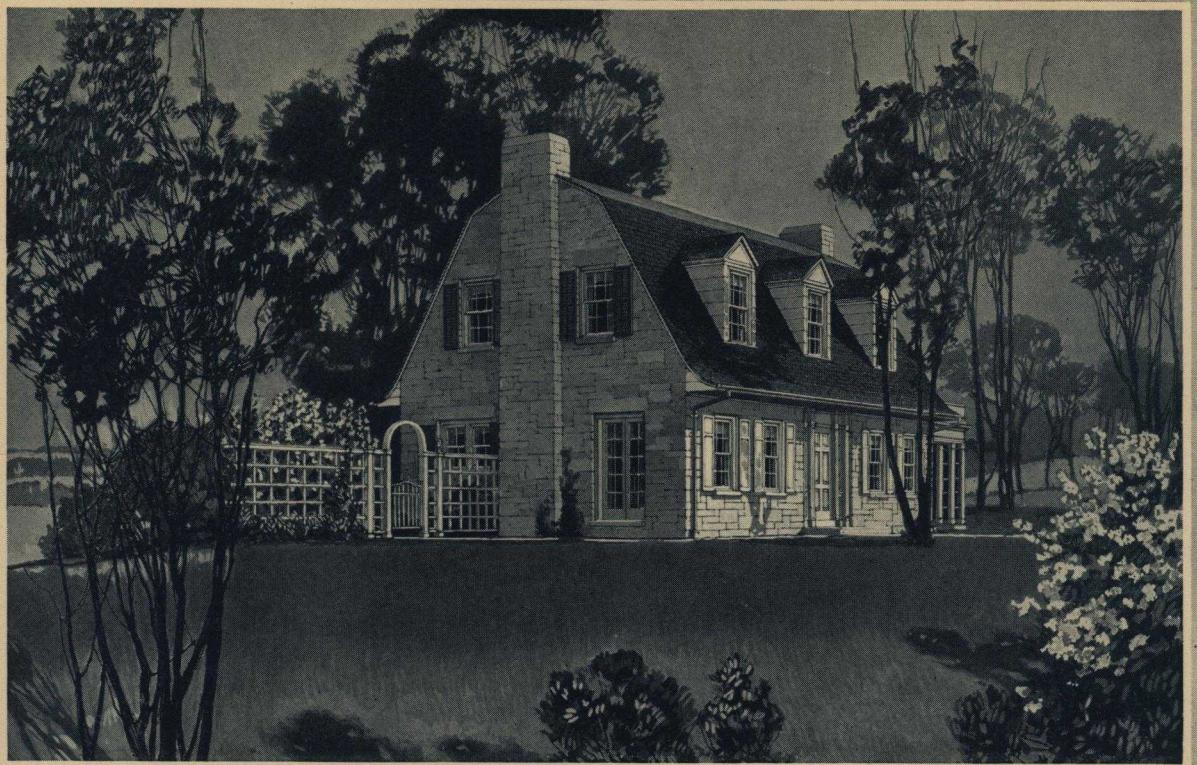
Floor Plans and Their Arrangement

The front door opens on to a reasonably large entrance hall in which a partly open stairway with slender turned balusters, of Colonial design, rises to second story. The arched opening at the back of this hall leads into a rear hall and the glazed French doors into the dining room on the left. The wide opening to living room being a cased opening with elliptical head.

The dining room is of a good size and has a French window opening onto walk and lawn at side of house. If the two ranges shown in kitchen were not required the space taken up by one could be used for a china closet opening into both dining room and kitchen with mirror doors at dining room side and console table underneath. This could be located either in the center of wall between dining room and kitchen, as shown by "alternate plan," or be placed to the right, balancing the door to kitchen at left. A corner fireplace could be installed in dining room if desired.

The kitchen is an unusually large, complete and conveniently arranged one for a house of this size, in fact it could be made 1'0" less in width and the extra foot be added to depth of dining room without otherwise de-arranging any other feature of the floor. It will be noted that provision for icing the refrigerator from the outside is provided.

The fireplace in the living room is faced with a plain moulded Colonial style mantel of gray INDIANA LIMESTONE with a hearth and fireplace of brown firebrick laid in herringbone pattern. Flanking fireplace on the far side of the living room, but sufficiently distant from fireplace not to interfere with grouping of furniture around it, there are two French doors opening on to the large porch; which can be enclosed with glass, if desired. The porch floor is paved with irregular shaped slabs of Gray limestone fitted together with wide, slightly irregular, dark cement joints.



DESIGN No. 205

© I. L. Q. A.

The fine large living room measuring 15'3" by 24'6", is a good shape and is an exceptionally well lighted room having windows on three sides. It will furnish well and always look cheerful.

The stairs land in a rather spacious hall in the second story, at front end of which a large wardrobe closet for linen is provided. To the left of this hall is a master's bedroom extending the full depth of house, provided with two large closets, one of which is almost large enough to be termed a dressing room. On the opposite side of hall two good sized bedrooms are arranged both with ample closet space. The bathroom is also of good size. The roof cuts very little into bedroom ceilings, which are the full height, excepting in dormers and for a 1'6" deep angle drop along front and rear walls which does not interfere with the head room or the placing of furniture along these walls.

The windows are double hung sash windows divided by muntins into small panes in keeping with the style and character of house. The French windows in end walls are similarly divided.

This house is intended to be built of the rough-sawed quarry-run or Rustic Buff Indiana limestone, laid up in a random ashlar with slightly raked out, wide mortar joints. The roof may be either of slate or wood shingles stained dark green or medium grey green, or even a dull Venetian red if that color were preferred. Additional touches of color are provided by the red chimney caps, and by the rain water conductors which are frankly accented by being painted black.

The exterior woodwork, except second story shutters which should be painted to blend with roof color, is intended to be painted an ivory white or very light buff. If a further contrast was preferred the wood sash could be painted a medium or dark green or even a black.

The plot plans show the ground appropriately laid out with equal simplicity. Lawns and well placed shrubbery planting are dependent upon to carry out this effect. Flower borders for perennials have been arranged along back of service yard at side of garage and bordering the walk from porch to arbor in front of garage.

Dutch Colonial
House: Six Rooms
and Bath

Color Scheme
of Limestone Walls
and other
Exterior Finish

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Bedford, Indiana, June, 1923

The Modern English Style House Design No. 206

A compact plan with central chimney and fireplaces arranged in ingle nooks

MANY much desired features have been embodied in the house design shown on this folder. Its general plan, so distinct from the types usually found, stamps it with a personality which is accentuated by its INDIANA LIMESTONE walls, its old style entrance and high pointed front gable, and the steep pitch of roof lines surmounted by the large stone chimney whose numerous pots indicate the presence of the several cheery fireplaces within.

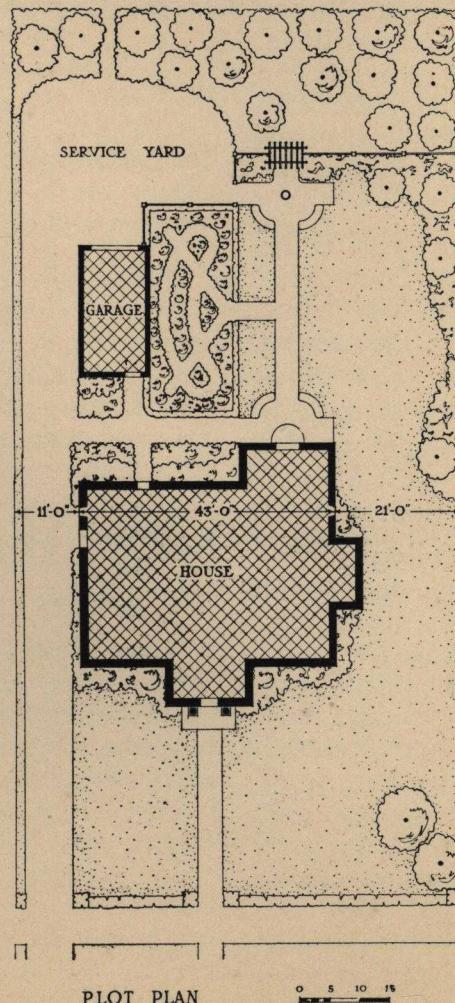
Generally speaking, the story-and-a-half house is the most economical type to build, provided that the desire to keep down the cost is not pushed to the degree where there is not sufficient height upstairs to allow a person to stand upright except in the middle of a room. When that point is reached, the whole upper story becomes so undesirable that use is made of it only through necessity, and always with a considerable feeling of discomfort. Such a condition has been avoided in this design. The sloping roof cuts off no ceilings, and the dormers are high and wide, giving plenty of light and air. Closet space is found under the sloping roofs, not taking up valuable space between the rooms.

This dining room is so arranged that it could be utilized as a drawing room, or library, and the enclosed porch at rear of living room be used at all times as the dining room. It will be noted that the kitchen has been so planned that service to either of these two rooms is about equally convenient, which is one of the unusual features of this plan.

This porch may be furnished for use as a sun room, as a breakfast room, or as the regular dining room, whichever is preferred. Light on three sides and direct access to the kitchen make it ideal for the latter purpose.

The kitchen entrance is combined with stairs to cellar, making access to laundry either from kitchen or side yard equally convenient. A rear porch and steps to cellar in outside area-way are therefore unnecessary.

The house is almost forty-eight feet wide. With a tradesman's entrance, and driveway at one side and a suitable space for lawn on the other, a lot 70'0" wide is required. A little width could be saved, but it is not desirable to have the living room bay nearer to the next lot than the width of a driveway.



Style of House,
Convenience of
the Plan and
Other Features

Size of Lot
Required:
70'-0" wide by
any suitable
depth

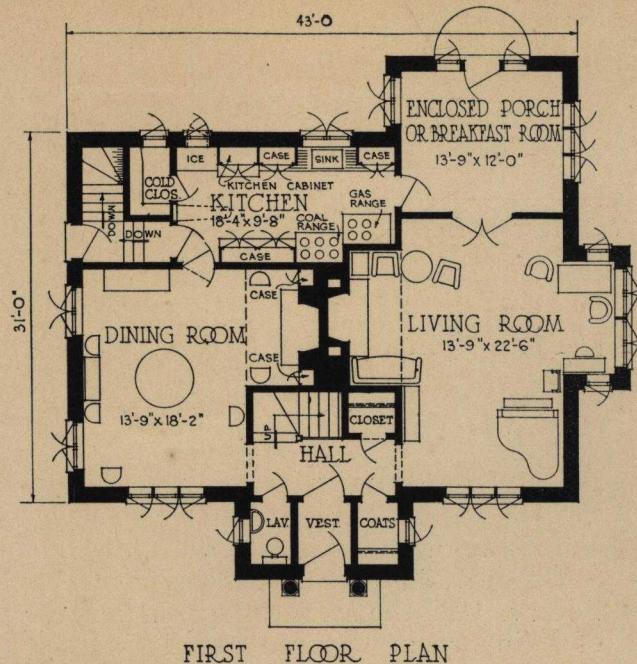
Cubic Volume:
46,800 cu. ft.
from cellar floor
to roof line,
including Porch

THE
NATION'S
BUILDING
STONE

This design best suited for a lot that faces south or west, or north and with plan reversed for a lot that faces east

Floor Plans
and Their
Arrangement

See first page for
further description
of this house, size
of lot and last page
for exterior features



Glancing at the first floor plan, one is struck by the unusual arrangement about the front hall. Examination shows how convenient it is and how every corner is used to advantage. Entering the house through the front doorway and vestibule, which is intended only to provide the double door protection against the weather, one enters the hall and can turn to the right or left directly into the living room or dining room.

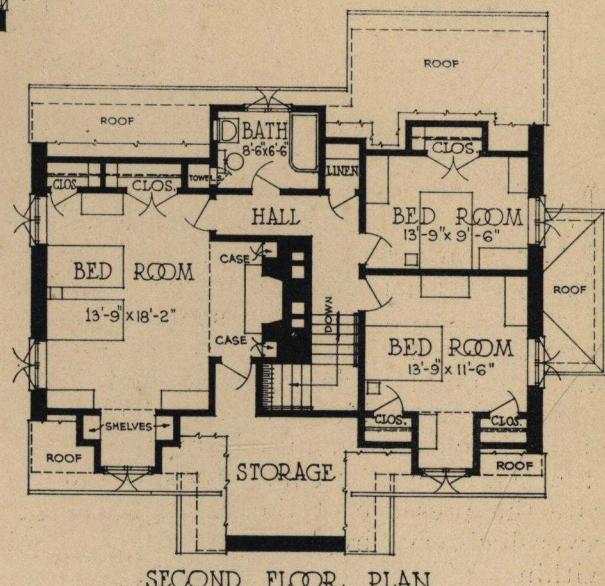
The hall is not large, but with stairs at back appears larger than floor plans indicate. The low closet under the landing has a ceiling high enough for the storing of golf bags, go-cart, toys, and other articles. At one side of the vestibule is the convenient toilet room, and at the other is a coat closet, each with a small window for light and ventilation.

The living room is delightfully planned. Coming into it from the hall, one would first notice the flickering light on the walls and then, when reaching the center of room, get a full view of the cozy inglenook fireplace, blazing out warmth and cheer from its nook. Opposite to fireplace is a bay window, so attractive from both within and without, broad enough for desk and table and deep enough for side windows. Light from the bay and from the group of casements in the front end of room make this a most delightful living room. The glazed French doors opening

Design No. 206

An artistic and roomy English style house, compactly planned around central chimney. Width overall, including living room bay window, 47'-6", by an overall depth of 44'-0". Very little floor space is utilized for halls in both first and second floors. The inglenook fireplaces are interesting features of this design. There is no back porch to disfigure the rear garden facade. There is a cellar under the entire house.

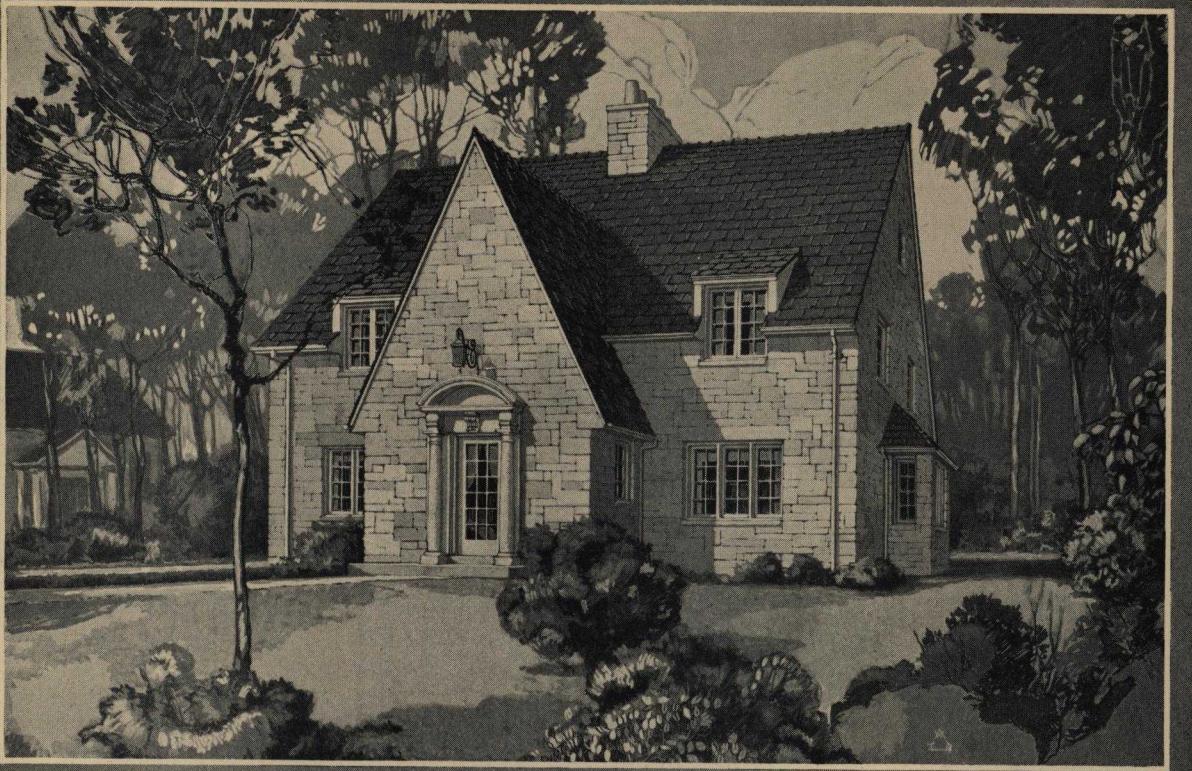
The entire nook in dining room might be paneled in wood and the fireplace consists simply of a simple moulded stone facing set into this paneling, which could be fitted with cupboards at the sides of and above the fireplace proper.



into the enclosed porch add almost as much more light as would an outside window there.

The kitchen is well provided with cupboard and closet accommodation, arranged in the most convenient positions. The sink is provided with double drain boards. The large cold closet is convenient and the refrigerator is also right to hand. A window over the refrigerator lights that end of the kitchen, and below it is a door so that the ice can be put in from the outside from a platform built for that purpose.

Three large bedrooms upstairs compose the sleeping quarters. One of these is large enough for twin beds without crowding; like downstairs rooms, it is provided with an inglenook fireplace, a great convenience in a suburban or country home. It is a great delight to have one upstairs room provided with such a fireplace, so that it can be kept warm and cheery in the spring and autumn days when a fire in the furnace is hardly required.



DESIGN No. 206

© I. L. Q. A.

Modern English
Style House:
Six Rooms,
Enclosed Porch
and Bath

The two other bedrooms are amply large for all necessary furniture. All three have large closet accommodation built into the slope of the roof.

The bathroom with its own towel cupboard is convenient to all the bedrooms, and the linen closet, opening from the hall, is equally accessible.

There is a large trunk cupboard or storage space opening from the ingle-nook in main bedroom, enabling the trunks and bags to be kept convenient for frequent handling.

Access to main attic is provided by a ladder inside of linen closet.

All three fireplaces may have the same general treatment or all may be different. The general style of the house does not require anything elaborate to be in keeping, but the intended scheme of furnishings and decoration for the room in question should be considered.

For the dining room a Tudor style INDIANA LIMESTONE fireplace facing without mantel shelf is suggested, the fireplace opening being lined with red brick or tile laid in herring-bone pattern.

For the living room a little more elaborate all-stone fireplace with mantel shelf set in wood panelling and with either stone or buff brick lining with stone hearth would be appropriate.

For the bedroom a simple modern English style fireplace with a smaller opening and with hobs and grate arranged for a coal fire would be most appropriate.

Hearths of dressed INDIANA LIMESTONE, either with or without a raised curb or border, may be used for all three fireplaces.

The attractive appearance of the exterior depends on color and proportion rather than elaboration of detail. The walls are of the rough-sawn **Old Gothic** INDIANA LIMESTONE, which embraces buffs and grays in a range of surface texture from fine to fairly coarse, with some crystalline, pitted and fossiliferous stone, always with soft blending tints, never with sharp contrasts. Practically no Cut Stone is required except for the front step platform and the window sills, although the front entrance feature, executed in cut stone instead of wood, would add to the handsome appearance of the house.

The Rough-
Sawn
Limestone Walls

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color Scheme
of Exterior
Finish

Layout of
Plot Plan and
Garden

In keeping with the walls, the roof should be of green slate, tile or shingles, or dull reddish brown tile if more color contrast was preferred. The small amount of woodwork around the eaves and the frames should be painted a moderately dark shade, like sage or olive green, and the sash and doors be painted a cream or ivory white.

The plot plan shows the house placed on a 75'0" wide lot with a semi-formal treatment of the rear part of property, the space in front of and at right side of house being left as lawn with a little shrubbery planting around the foundation.

Leading back from the enclosed porch there is a walk with two semi-circular limestone seats at the intersection with cross walks at both ends. A sun dial forms the rear terminal feature and in back of this there is a pergola gateway or arbor in the lattice fence, which separates the lawn from orchard at back of property.

Along the side of garage to the left of the main walk there is a small English

rose garden laid out with curved gravel paths and enclosed by a clipped hedge. The cross walk along back of house leading to the garage is bordered by perennial flower beds and shrubbery.

In back of garage there is a service yard and turning space connecting with the driveway which passes the left side of house. The garage is so arranged that if entrance to same from lane or alley at rear were possible, it would not be necessary to have the driveway alongside of house, but only a walk to kitchen entrance.

In this INDIANA LIMESTONE house design a decidedly unique and comfortably arranged home is presented to the prospective home builder. It is a home planned for housekeeping with a minimum of labor. Being self contained in every respect, with no porches on the exterior, it is a home that could be locked up and left to take care of itself, by owners who might wish to spend part of the year in travelling.

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INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Designs for
INDIANA
LIMESTONE
Homes

The Italian Style Semi-Bungalow Design No. 207

An excellent labor saving arrangement of the small home,
with garage included, for built up suburban locality

THIS home could be called either a house or a bungalow with equal propriety, as it is neither a one or two-story house, but is really a bungalow with the rooms arranged on three floor levels. There are two stories in the rear portion and one story midway between these floor levels in the front portion with a basement underneath that has the advantage of having half its height above grade; and this house is therefore, termed a semi-bungalow.

Since most of the basement is above grade, there is a minimum amount of excavation and foundation work required.

There are a number of advantages embodied in this rather unique arrangement. First and most important is the fact that although the bed rooms, or sleeping portion, are entirely separated from the living part of the house, they are only seven steps up—in fact, the housewife working in the kitchen is only seven or nine steps up or down from any part of house, including front or rear door, porch, garage, laundry, bed rooms and bath, a most convenient arrangement.

Another advantage is that the enclosed porch is but a step above the lawn where it should be but at the same time is back from street overlooking the garden at rear. Still another advantage is the placing of floor of living and dining rooms sufficiently high above grade to permit the house to be built close to sidewalk line without losing the desirable amount of privacy and seclusion from pedestrians on the street.

Yet at the same time, its windows are unobstructed by a porch, giving direct sunlight to all rooms of house. The combining of garage with house is another feature.

The exterior of this house is carried out in a pleasing adaption of the Italian style and has a broad low effect that is so often lacking in bungalows, which have the living room placed fairly high above grade line. This type of design affords a great economy of space. There is no waste of space for basement and attic as is customary with most bungalows. The basement under rear portion is supplanted by porch, garage and laundry and there is no accessible attic over this portion but only the necessary air space for insulation of the ceiling over bed room portion.

Passing along the walk at right side, the house is entered through the enclosed porch, or if driving up the left side into garage, this porch is entered from a door to garage, both these doors being just at foot of stairs, arranged so as not to disturb any group who might be using the porch at the time, the chairs, etc., being grouped at the other end overlooking garden. Nine steps up and you land in a hall just in front of large living room with door at end leading to rear hall, containing the stairs to laundry, service entrance and cellar, the service entrance being from driveway, keeps all the deliveries away from the front entrance. There is a coat closet and a broom closet in hall and since it is only seven steps up to bath room a separate toilet is not necessary.

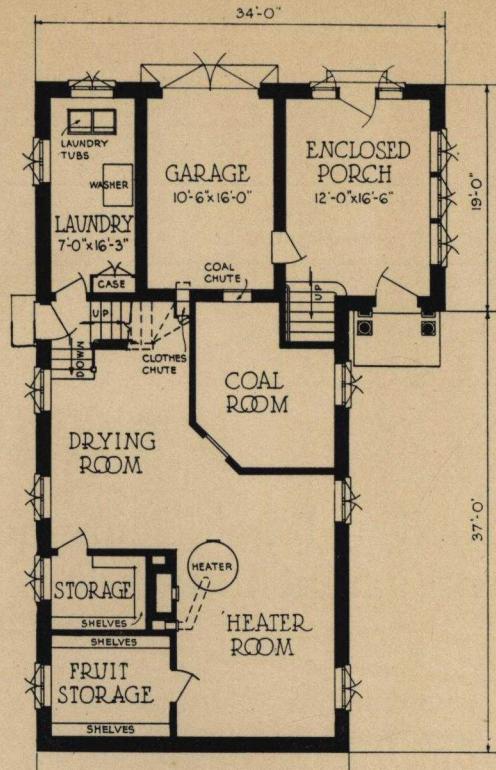
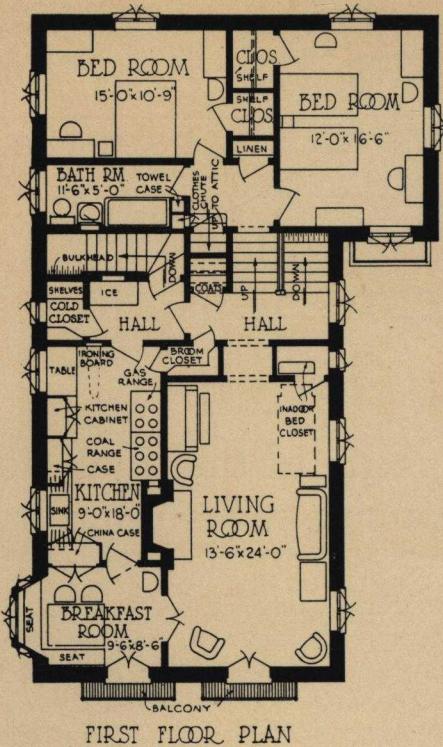
Style of House,
Convenience and
Unique Features of
the Plan. Basement
with Laundry and
Garage, Etc.

Size of Lot
Required:
50'0" wide by
any suitable
depth

Cubic Volume:
39,400 cu. ft.
from cellar floor
to roof line,
including Porch

THE
NATION'S
BUILDING
STONE

This design best suited for a lot that faces north or west, and with plan reversed for a lot that faces south or east



Design No. 207. Size: Width overall at rear 34 feet by depth of 56 feet. Note the convenient grouping of the living room, halls, breakfast room and kitchen in the front part of house and their separation from, yet convenient relation to the bed rooms and bath in rear portion. The three floor level plan makes possible the placing of bed rooms a full story above grade, which is a desirable feature not customary in Bungalow plans. This also eliminates basement below grade under rear part of house.

The living room is a fine, large room, for a house of this size, measuring 13'6" x 24'0" and has large open fireplace sunk flush in middle of long inside wall. This fireplace is intended to have a simple Italian type mantel of light Buff Indiana Limestone with hearth of stone slabs and lining of Brown Fire Brick. There is a closet for single in-a-door bed at end of living room enabling it to be utilized to accommodate the occasional guest, as only two bed rooms are provided.

The kitchen is unusually complete and well arranged. The refrigerator is placed in rear hall just outside of kitchen door where it can be iced from stairs without entering rear hall. There is also a large cold closet.

The dining room is replaced by a large dining alcove or breakfast room, opening from front part of living room, this being large enough to serve eight people comfortably.

Seven steps up from this main floor of house is the bed room floor level on which there are two good sized bed rooms and bath and ample closet space, all opening from small square hall which can be given absolute privacy from the main floor by a portier hung at head of stairs.

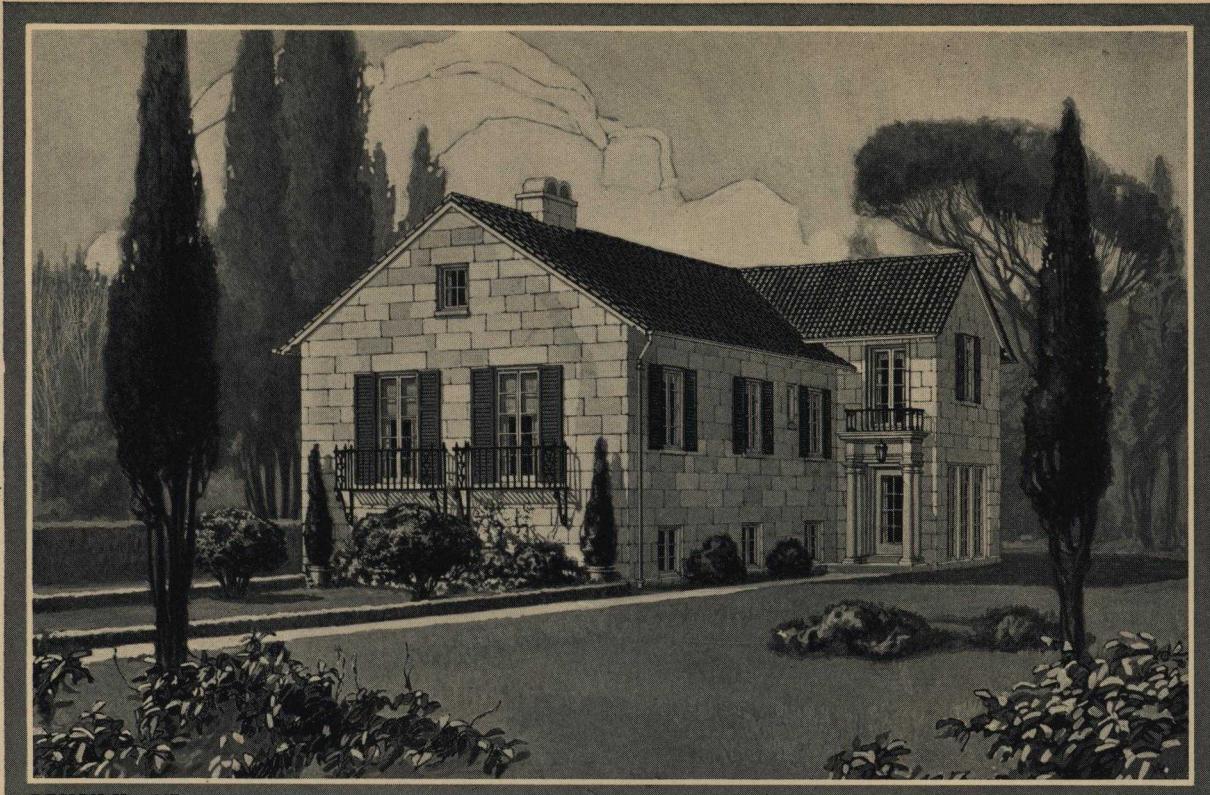
From this upper hall a stair leads up to attic space over front portion, which is large enough to be finished with an extra bed room or children's play room, in addition to providing of storage space for trunks, etc.

The well lighted laundry arranged on grade level makes practical the doing of even this work at home. The whole arrangement is one that provides an ideal home for the small family where the house-wife does all of her own work.

All of the windows throughout are of the Italian casement type, the single width sash being arranged in pairs to open out in continental fashion.

Floor Plans
and Their
Arrangement

See first page for
further description
of this house, size
of lot, its location
and unique features



DESIGN No. 207

© I. L. Q. A.

The walls are built of a mixture of Rustic Buff and Variegated Indiana Limestone with rough sawed finish laid up in courses of even height, but of blocks of varying lengths in so-called "Range" or "Block-in-Course" work. This house is therefore built throughout of the rough sawed stone entirely without cut stone, except for window sills. Yet few small houses with such simple lines, present such an interesting appearance.

The roof is of a dull red or reddish brown tile. The exposed rafter end and wood work at eaves is painted or stained a light shade of brown.

The window and door frames and sashes and woodwork of main entrance is painted either a sand color or a deep ivory and the shutters a blue-green. The ornamental iron balconies at front windows and railing over entrance feature may be painted a dark bluish green or black and the lantern at entrance should be of black iron.

The rough texture of the Limestone and the varied lengths and jointing of facing blocks give an unusually interesting effect to the otherwise perfectly plain walls, making cut work or ornamental detail unnecessary.

In back of the porch a delightful, small garden has been arranged. The shrubbery planting and garden layout has been kept quite simple in keeping with the character of the house, and consists of a long, narrow stretch of lawn with flowers bordering on each side and a small pergola in shrubbery at rear. A Limestone Bird Bath is placed in center of lawn, but either a sun dial or mirror gazing globe could be substituted, if preferred. There is a small vegetable garden or child's play yard at rear of service yard.

The house is planned to be built on the usual 50-foot suburban or semi-suburban lot in built-up localities. The driveway is along the left side of house leading to large service yard at rear of house, serving as space for turning of auto.

It is felt that anyone who studies the plans of this house cannot fail to note its charm and distinctive character. It is an unusual house but not a freak house, and is a house that would find a ready sale in any locality on account of its beauty and convenience. Furthermore, it is a house that is not too stylistic in design and could be built in almost any locality with satisfactory results.

**Italian Style
Semi-Bungalow:
Five Rooms and
Bath, with Porch
Laundry and
Garage**

**Color Scheme of
Limestone Walls
and other
Exterior Finish**

**Plot Plan and
Garden Layout**

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

This folder illustrates one of a Series of Moderate Cost House Designs prepared to show prospective Home-builders the artistic possibilities that are afforded by the use of INDIANA LIMESTONE facing for the walls of small and moderate size residences.

The collection of designs in this series is now being prepared in portfolio form and will soon be ready for distribution. If you are planning to build, or interested in planning a future home, you will doubtless wish to have a copy of this portfolio. It will contain many suggestions for the planning and building of a really good home.

All of the designs have been carefully developed on the basis of convenience and economy. These designs are entirely new and have never been published before in any form. The houses range in size from five to nine rooms.

A small charge will be made for this portfolio to cover the cost of printing only. *See order blank enclosed herewith.*

Service to the Home Builder

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Address P. O. Box 401, BEDFORD, INDIANA.

This department is prepared to answer your questions about INDIANA LIMESTONE and its use for moderate cost houses. Do not hesitate to write for any information desired, if interested in the use of stone for any purpose, whether this be in connection with facing the entire walls of your building, or only for steps, sills, lintels and other architectural trim in walls built of brick, tile or any other form of masonry.

The rough-sawed quarry-run grade of INDIANA LIMESTONE is supplied to home builders, either direct from the quarry producer's mills, or through the local Stone Contractor or Mason-builder. The Indiana Limestone Quarrymen's Association has nothing to do with the sale of the product but will at all times be pleased to put prospective users in touch with the concerns who can promptly serve their requirements.

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**INDIANA
LIMESTONE**
The NATION'S BUILDING STONE

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 8

Portfolio of
Designs for
INDIANA
LIMESTONE
Homes

The New England Colonial Home Design No. 208

Compact Interior Arrangement with Semi-formal
Exterior Design of This Popular Colonial Style

THE exterior of this House Design has the appearance of formality customary to the typical center hall Colonial plan with end wings. The plan of this house, however, is thoroughly modern and avoids the waste space of a through center hall arrangement. The wing formed by porch on one end is balanced by the kitchen wing at the other. There is really no rear elevation to this house; all four sides being equally good looking fronts. The design is a rather imposing one for a house of its size, and in fact makes it look somewhat larger than it really is.

There is a cultured simplicity about this style of home, especially when built with INDIANA LIMESTONE walls which gives it a distinctive appearance without resort to ornament or ostentation of any kind. The plan is a very convenient one for a house of this type.

The stone walls are carried up to main cornice above second story windows of central portion, but only one story high in the wings. The second story of these wings is of frame construction finished with large wood shingles painted white.

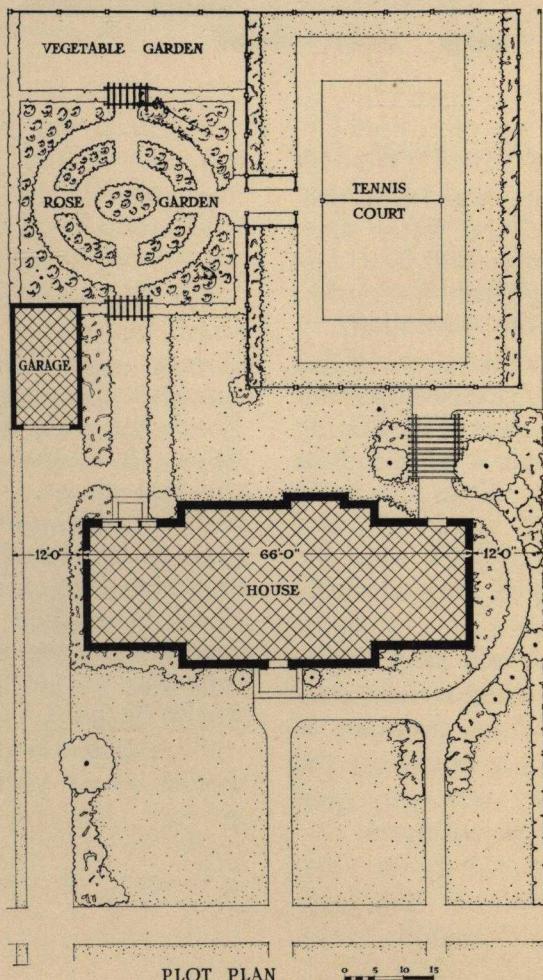
The roof of central part has a rather low pitch, unbroken by dormer windows.

A house of this character should be placed some distance back from street with a suitable approach of lawn as indicated by the plot plan.

This house, on account of its width, would require a lot at least 80 feet wide, preferably 90 feet wide, as shown by the plot plan, and could be placed to better advantage on a 100-foot lot. The house is comparatively shallow and does not require a lot of great depth. Therefore, if turned with porch to street and with entrance on side it could easily be placed on a 50-foot frontage.

Style of House,
and Exterior
Features

Size of Lot
Required:
80' 0" to 100' 0"
wide by any
suitable depth



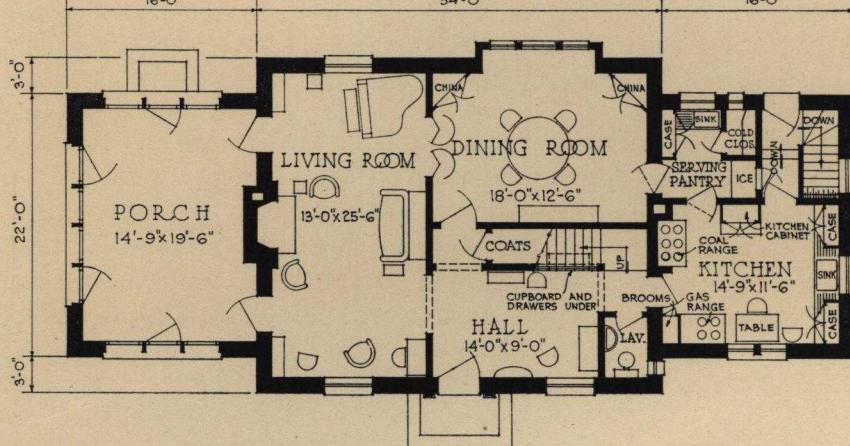
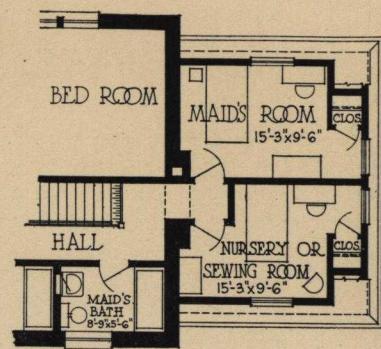
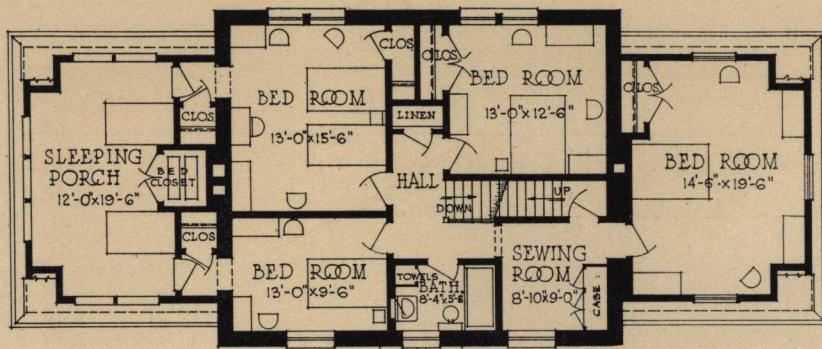
Cubic Volume:
49,500 cu. ft.
from cellar floor
to roof line
including
both wings

This design best suited for a lot that faces north or east, or with plan reversed for a lot that faces west or south

Floor Plans
and Their
Arrangement

Alternative Floor
Plan Arrangement

See first page for
further description
of this house, size
of lot, its location
and exterior features
and last page for
Garden Layout



Design No. 208

The plan is such that a rear porch is unnecessary. Cold closet and refrigerator are placed in serving pantry, the refrigerator so arranged that it can be iced from the rear entry without passing through kitchen. In Kitchen there is an exceptionally long counter with sink and drain boards, with drawers underneath and cupboards above occupying one entire side of this room.

A study of the floor plans will reveal various other convenient features.

The center hall effect has been preserved on exterior, but the little used space taken up for a center hall has been avoided and the delightful Reception Hall, really an extra room, provided.

The front door opens into a good size Reception Hall from which a cased opening leads into the Living Room. The Dining Room is reached through a glazed door in archway under stair. Note the large size Living Room, 13' 0" x 25' 6", and Dining Room, 12' 6" x 18' 0", also the spacious enclosed Porch with deep windows on three sides.

In Living Room there is a large Colonial open fireplace with facing of light gray INDIANA LIMESTONE. This fireplace is flanked by glazed doors opening on the Porch. Living Room is also connected with Dining Room by glazed doors.

The Dining Room, placed at the rear, is given the desirable privacy. The wide bay, with three casement windows, both assures a well lighted room and gives it a

fine view of the lawn and garden which it overlooks. Two china cupboards are placed on either side of bay window.

On the second story there are four good sized bedrooms with plenty of roomy closets; also bath, sewing room and spacious sleeping porch. The Sleeping Porch has wide window openings on three sides. A unique feature of this porch is the bed closet. This permits two single beds of the modern improved folding type to be stored out of sight in daytime, or when they are not in use. Sleeping Porch is reached through two of the bedrooms, with the idea that the small front bedroom, if not used as a child's room, might be used as a morning room or den.

The large bedroom in kitchen wing would serve either as a dormitory for several children or as a play-room, or could be divided into maid's room and a nursery, or maid's room and a sewing room and a second bath room be provided, replacing the present sewing room, as shown by Alternate Plan.



DESIGN No. 208

© I. L. Q. A.

Colonial House:
Eight Rooms,
Reception Hall,
Pantry, Bath
and Porches

This house is planned primarily as a home without servants, and a study of the plans will indicate that all of the floor space has been used to good advantage and everything conveniently arranged for the housewife doing her work with little, if any, extra help.

The stairs are ingeniously arranged so that they afford the necessary privacy and serve both as a main and service stair, making a separate rear stair entirely unnecessary, as it is possible to ascend to second story from the kitchen without passing through the main part of house. There is a large coat closet under these stairs and a lavatory, opening from alcove at foot of stairs, convenient to both front hall and kitchen. The first floor of Service wing is occupied by the well arranged Kitchen, with serving pantry and stairway leading to basement.

An enclosed stair is shown leading up from second story to attic storage space, but if ready access to attic was not desired, folding stairs in the ceiling could take the place of this, giving a more open and spacious effect to second story hall.

There are no back porches or other unsightly features attached to the back of house; the rear has just as good an appearance as the front. Even the porches are not attached features but are incorporated in one of the wings which form part of the general mass of house.

The front windows of the Reception Hall and Living Room are carried down to within a few inches of the floor line, giving a pleasing and hospitable effect.

The exterior is carried out in regular coursed ashlar of the sawed finish gray INDIANA LIMESTONE, the beautiful Colonial cornice and entrance feature and the window trim being wood painted a light color, with dark green blinds, all in true Colonial fashion.

The full width of box window frames is shown in the stone openings, with a wood moulding applied thereon, framing the windows in a most attractive way and giving a distinctive appearance. The only "cut stone" required is the sills. Front entrance feature while shown of wood, could also, if desired, be made of cut LIMESTONE at a little additional expense.

**Color Scheme of
Limestone Walls
and other
Exterior Finish**

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Plot Plan and
Garden Layout

The new
Portfolio of
House Designs
which all
home builders
should obtain

The roof could be either of ordinary wood shingles stained a gray-green, or be of green slate. The color scheme, therefore, is a most interesting one, consisting of light gray stone walls, white woodwork for main entrance feature and cornice and for door and window frames, with green or blue-green blinds and gray-green roof. Or, front door could be stained and finished mahogany color, if preferred to a door painted white to match the trim.

There is a cellar under entire house, excepting under Enclosed Porch, which is not excavated.

This enclosed Porch has a floor of gray INDIANA LIMESTONE tile laid in two-foot square slabs with a border of the same material one foot wide.

The plot plan shows this house placed on a 90'0" lot. The layout of grounds for this attractive home is an orderly but informal one that would be suited to almost any location, either level or sloping site, where a lot of the required width was available. In front of house the property is left in lawn with a little

shrubbery planting along driveway and along the walk leading to the service entrance at rear. Just in back of kitchen entrance, there is a pergola or arbor overlooking the tennis court which is enclosed by a high woven wire fence. Just in rear of house there is a stretch of lawn and leading back from the door at rear of enclosed porch there is a walk bordered with flower beds leading back to the rose garden, which is enclosed by a clipped hedge. Between rose garden and tennis court is an arbor with seats enabling one to enjoy this garden while resting from the game. At both front and back gates to rose garden, there is an arbor for climbing roses, making this a most delightful retreat.

The enclosed porch serves also as the automobile entrance as it is just a few steps from this porch to the garage. This design, it is felt, will appeal to everyone interested in building a permanent home based upon good American traditions. Built of INDIANA LIMESTONE it is a house that would age gracefully, always look well and command a good price.

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Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 9

Portfolio of
Designs for
INDIANA
LIMESTONE
Homes

The English Suburban House Design No. 209

Convenient English Style Home for Typical Inside Suburban Lot

THIS house design, somewhat like No. 203, is based on the delightful English Suburban Cottage Style, with grouped casement windows. It is a style that always looks homelike, is most appropriate for the moderate size American Suburban Home and is a type that can be successfully used on different sites, varying all the way from the wooded lot to the level lot in flat, open localities.

Such a house is a welcome variation to what is usually found in houses of moderate size on comparatively narrow lots. Its different plan, different exterior design and different color effect will give it individuality, and at once make it the most striking and probably the most attractive house along the street.

Distinction of this sort is more of an asset that at first thought may appear. To be the possessor of "that picturesque little limestone house on Blank Street" gives the owner a certain standing among his friends and in the community. A more practical advantage is the greater ease of selling such a house, should the time ever come to dispose of it. Examination of the plans will show there was no sacrifice of the interior arrangement to secure a unique exterior; quite the opposite; the exterior is the outgrowth of a plan which has several advantages foreign to the house with the typical flat front and rear kitchen wing.

The porch, although not large, is of ample size. Built of stone and contained within the walls of house, it is large enough to accommodate chairs and a small table or work-stand. It is secluded from close inspection from the street. The driveway passes it so that one can step directly from it into the car. There is no annoyance from the tradesmen, as trades entrance is on the opposite side of house.

The porch floor is paved either with limestone slabs or red quarry tile with a limestone border; the walls are of stone like the exterior of the house, and the ceiling of rough-floated grey plaster.

Wood frames and doors for the two openings, easily and entirely removable, will completely enclose the porch, screened for summer and glazed for rigorous weather.

All rooms are well lighted by the casement windows used throughout. These are arranged in groups of two, three, four and five and are placed close to outer face of wall in accordance with the English custom, giving a delightful effect to both exterior and interior.

This house is designed to be placed on the ordinary inside suburban lot of typical width. The house, having a total width of 33'-0", can be readily placed on the usual 50'-0" lot with ample allowance for driveway along one side and sufficient lawn on the other side to keep it well separated from the houses on adjoining lots, even when these are built fairly close to the lot lines.

The driveway runs past the left hand side of the house and tradesman's entrance is on the right. The garage is shown placed at the end of this driveway, preferably just far enough back of the house to permit the turning of car. The driveway which is shown on the porch side of house on the flat plan and in the perspective, could be placed on the opposite or service side if it was not objectionable to enter the house from driveway through the kitchen. A paved or flagged terrace could be arranged back of the dining room, and the rear window be cut down to the floor in order to give access to this terrace and garden. There being no rear door to the house, the rear lawn and garden can be kept entirely private.

Style of House,
Convenience of
the Plan and
Other Features

Size of Lot
Required:
50'0" wide by
any suitable
depth

Cubic Volume:
42,900 cu. ft.
from cellar floor
to roof line,
including porch

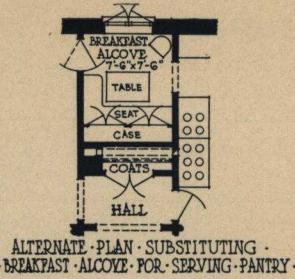
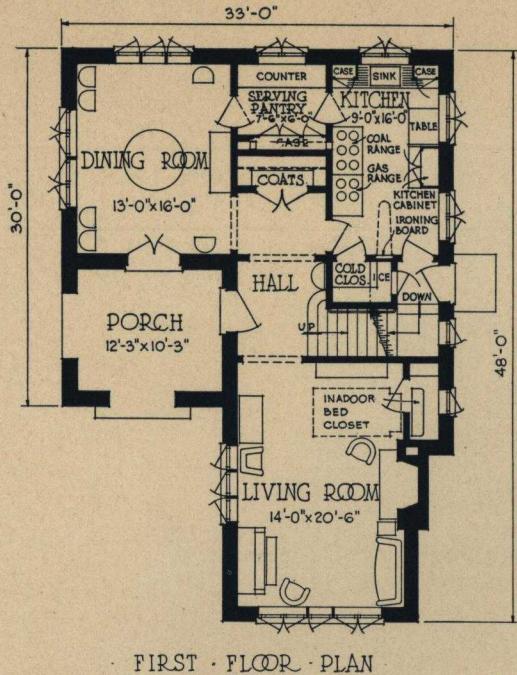
THE
NATION'S
BUILDING
STONE

This design best suited for a lot that faces east or for lot that faces south or north and with plan reversed for a lot that faces west or north

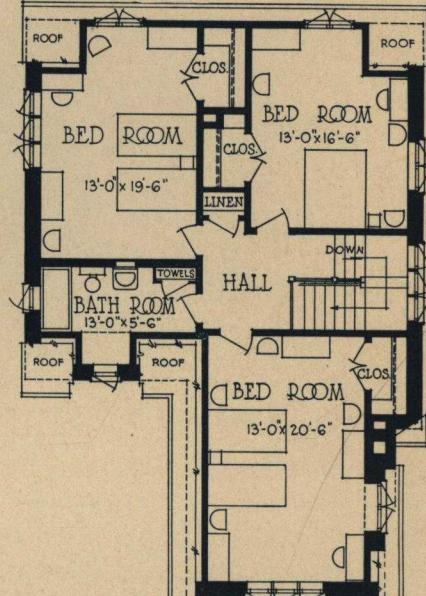
Floor Plans
and Their
Arrangement

Alternative Floor
Plan Arrangement

See first page for
further description
of this house, size
of lot and its
location, and
exterior features



Design No. 209. A good plan for an inside suburban lot. The porch is set back at side and included in the body of house, where it affords some privacy and does not obstruct direct sunlight to living room windows, and there is no back porch to obstruct light from kitchen. There is a cellar under entire house.



Should the desire for privacy outweigh the unquestionable attractiveness of this French window, this opening to front porch may be closed without danger of making the room dark.

The dining room is connected to kitchen by a serving pantry or breakfast alcove or a combination of these, whichever is preferred.

The serving pantry is fitted with cupboards, drawers and counter, with china cupboard above.

For the many who wish to have a breakfast nook, provision for it is made by the slight change as shown by the alternate scheme. The position of the dining room door is shifted and the hall is shortened a little. It will be noticed that the china cases of the original serving pantry are retained, and the breakfast nook table can be used instead of the serving pantry counter, as shown by alternate plan.

The kitchen will be found to be unusually compact and require very few steps. The tradesman enters from the side door, which also leads to the basement stair; the ice man makes his call without having to step into the kitchen. The cold closet is large enough to contain the refrigerator; it is out of the way but convenient.

The entrance hall, being in a central position, serves as a roomy connecting passage to all parts of house. An exceptionally large coat closet is provided in a convenient location at end of this hall. The alternate scheme, providing a breakfast nook instead of a serving pantry, makes practically no difference in the hall.

The stair running up from the hall is of considerable width, and the triple casement window on the landing furnishes light and gives a pleasing appearance to lower hall and stairway. The proximity of this stair to all the down stair rooms, including the kitchen, makes any sort of back stair quite unnecessary.

The living room occupies the whole front wing overlooking the street and is large, well lighted, well shaped and convenient. A group of five low casement windows assures this room ample light, independent of obstruction from adjoining houses. A large limestone fireplace of early English design is situated on the long wall, where there is ample space for entire family to group their chairs in front of it. The small closet will hold the many things which are preferably kept out of sight but still of easy access, or in it may be housed the disappearing bed which provides the extra accommodation that is occasionally so sorely needed.

Entirely separated from living room, but only a few steps from it, is the dining room, of a size quite large enough to hold all the necessary furniture without crowding. Casement windows on two sides afford plenty of light, the French window opening onto the porch, giving a view of the front street.



DESIGN No. 209

© I. L. Q. A.

The drainboards running across the entire end of the kitchen, with cases above, render unnecessary the crowding of dishes and utensils before they are washed, and the window over the sink sheds an abundance of light where it is most needed; the wall cases contain the implements within reach of where they are to be used. Two ranges may be accommodated, or the space occupied by one may be used for a table.

No laundry equipment is shown on the kitchen plan, as the usual preference is to consign all laundry work to the basement where there is plenty of room and no interference with the preparation of meals.

In the second floor, a square shape hall gives access to all rooms. The main front bedroom has sufficient size, not only to contain the furniture necessary to sleeping quarters but also the extra dressing table, desk or sewing machine which one bedroom should always be large enough to accommodate. One of the other rooms has space for twin beds, and both are of sufficient size to arrange all of the necessary furniture without crowding. All bedrooms have ample and deep double-door closets and all have windows on two sides to afford cross-ventilation.

The bathroom is easily reached from all the rooms and is fitted with a towel cupboard, which saves space in the main linen closet.

The linen closet is located in the hall, convenient to all bedrooms. The roof space may be utilized for trunk storage without sacrificing the floor space required for permanent stair leading up to it, by placing disappearing stair in the ceiling over the upstairs hall.

The random ashlar treatment of the walls is most appropriately executed in sawn-face quarry-run stone—grey, buff and variegated in color tone; *here and there* some darker stone just as it comes from the saws; some stones dull in tone, others with a slight sparkle where the saws cut through crystalline spots; *here and there* a piece pitted like Italian Travertine; and the whole blending into that soft pervading tone peculiar to INDIANA LIMESTONE.

The exterior woodwork can suitably be painted a warm dark brown and the shingles stained in a lighter shade of reddish brown or verging towards the redder tints, or the exterior woodwork be painted a cream-white and the shingles be stained a suitable shade of green.

The interior, not being designed in any fixed style, may be decorated in any way that appeals to the taste of the owner.

This is a very sensible and decidedly comfortable type of suburban home for a family of moderate means.

English Style
Suburban Home:
Six Rooms,
Dining Alcove
or Pantry
and Bath

Color Scheme of
Limestone Walls
and other
Exterior Finish

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

The new
Portfolio of
House Designs
which all
home builders
should obtain

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Bedford, Indiana, June, 1923



INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 10

Portfolio of
Designs for
INDIANA
LIMESTONE
Homes

The Rural English Cottage—Design No. 210

A Compact, Square Plan Without Hall in First Story

Typical American Suburban Home of English Rural Cottage Style

THIS house design is based upon one of those quaint little houses that so delight the traveller on his way through the picturesque villages of England. Small and compact, with large, well lighted rooms and no waste space for halls, it would make a charming home for a bride or small family. The rustic walls and steep roofs terminating in the stone chimney stack with its red tile chimney pots seem almost to belong to a different civilization to that of the matter-of-fact houses that supposedly adorn our streets. The plans reveal no sign of ancient origin however, and will be found to include the very latest developments in house planning; in short, while the exterior looks backward, the interior looks forward.

With walls built of sawn-face INDIANA LIMESTONE laid up in random ashlar, the only cut stone is found in the columns and arches of the front porch and the sills. The lintels are merely longer pieces of the plain sawed material. The use of rough-sawn quarry-run stone keeps the cost down to a surprisingly low figure, far below the enhanced value directly attributable to the use of stone, whether appraised by sentimental standards or calculated in dollars on basis of its selling price.

The stone-flagged or tile-paved front porch, although not large, has plenty of room for the usual verandah furniture required by the average small size family, having an automobile. It follows the modern trend of not allotting too much valuable space to this feature of a house, because the family usually rides when it wants to take the air. This porch serves also as an entrance from autos and the convenience of being able to step into the car directly from the covered porch should be noted.

The floor may be paved with large slabs of stone or with a combination of stone slabs and red quarry tile laid to form a pattern with border.

This porch can be readily screened or be enclosed to form sun room by glass in removable frames fitted to the three openings.

Here is a house design that is suitable for almost any variety of the typical narrow width suburban lot, yet one that is also appropriate for a wood site of ample area.

A truly delightful home, either for a bride or for a small family of adults.

By referring to the plan it will be seen that the house could be built on a lot only 45'0" wide, with space for a driveway on the right side, but a 50'0" frontage, as shown by plot plan, is considered preferable. The depth of 37'0" will permit this house to be built on a fairly shallow lot. Needless to say, if more space is available for grounds and shrubbery, the more attractive the effect will be.

The plot plan shows a very simple treatment of the site. There is a walk along side of driveway, along side of which there is a border of perennial flowers and another bed of perennials in front of house under the dining room windows. The remainder of front yard is lawn.

At the rear under breakfast nook windows there is a bed of old fashioned flowers with bird bath in center and an L shaped flower border along rear walk and back along side of garage. There is a latch gate in the hedge which separates the rear lawn from vegetable garden or play yard, and a garden table with chairs, is placed at rear of garage partly surrounded by the shrubbery planted in the corners at back of lawn.

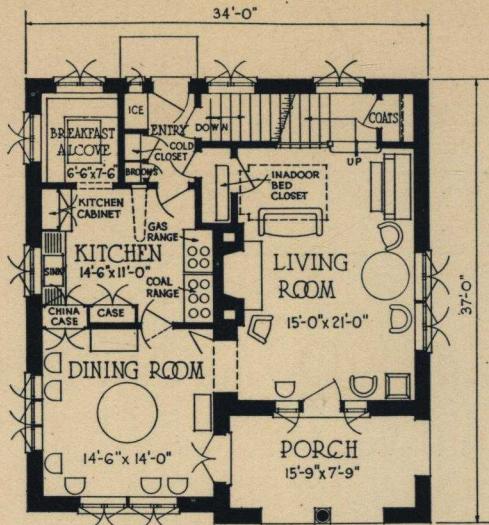
Style of House,
Convenience of
the Plan and
Other Features

Size of Lot
Required:
50'0" wide by
any suitable
depth

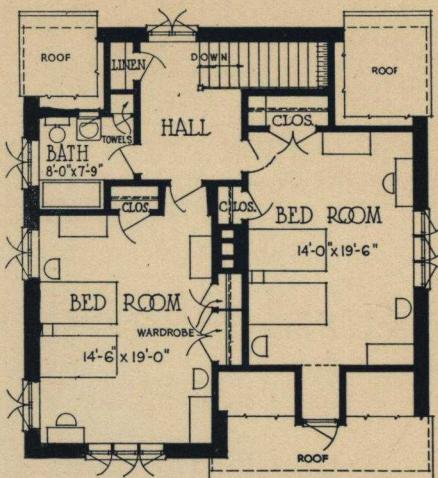
Cubic Volume:
36,700 cu. ft.
from cellar floor
to roof line,
including Porch

This design best suited for a lot that faces south, west, or north and with plan reversed for a lot that faces east

Floor Plans and Their Arrangement



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Design No. 210. Compact almost square English cottage style home overall size 34' 0" wide by 37' 0" deep. The front porch is included under the main roof and there is no back porch to mar the appearance of the garden front. There is a cellar under entire house, except under front porch which is not excavated.

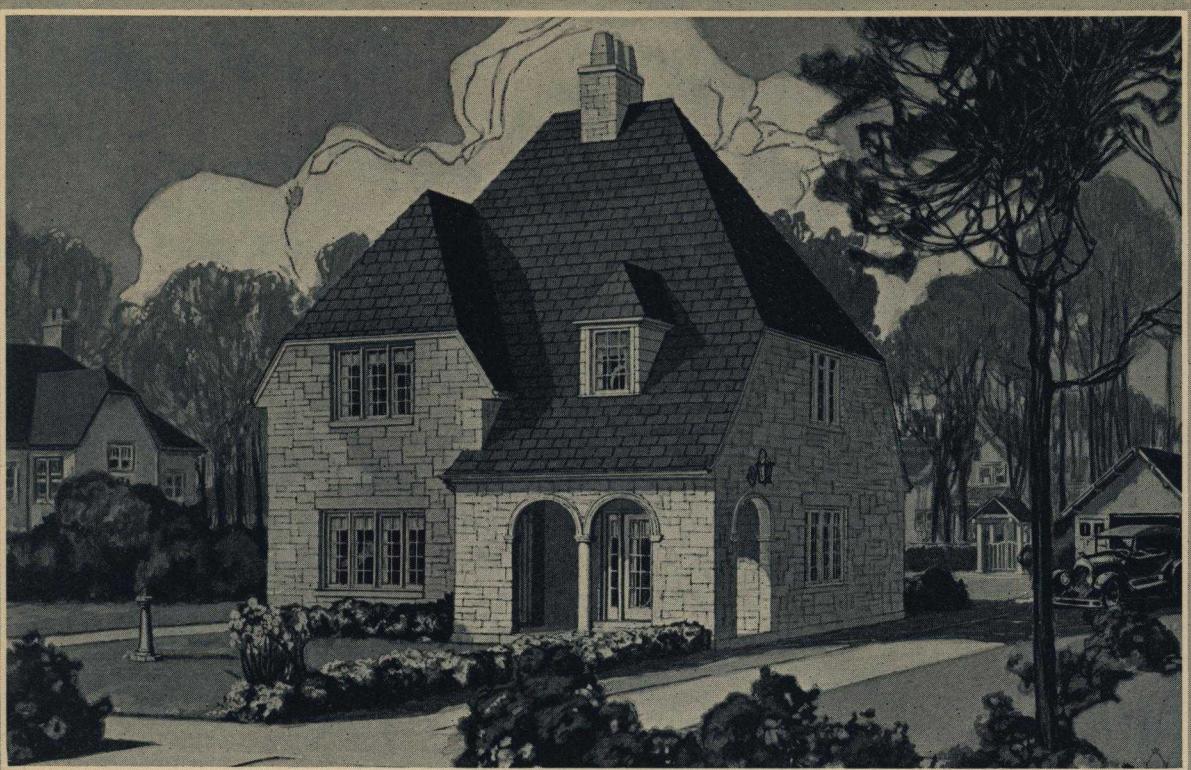
Both living and dining rooms open directly onto the porch. The living room is entered from the porch through a French door between two casement sash. It is a large and commodious room with stairway at back leading to second story. The location of the doors and windows permits a most satisfactory arrangement of the furniture. The fireplace is placed on the long side of the room, so that no undue crowding will result from the grouping of furniture around it, when all want to enjoy its comfort and cheer. The mantel and hearth are **INDIANA LIMESTONE**, of a simple design, but an all-stone fireplace could be used, preferably following an early English style in keeping with the rest of the house.

The closet shown containing the disappearing bed is not intended only for that purpose, although such a bed is a great convenience when there is an overnight guest. Even with a single bed installed in this closet, it will still serve as a passage from kitchen or service entry to the stairs leading to second floor.

The partly open stair at the end of the living room is an attractive feature. A glance through almost any magazine which illustrates architectural work and interior decoration will show how popular is this rational arrangement. The coat closet at the bottom landing is of great convenience and also keeps the foot of the stair away from the wall so that it does not appear to be crowded into the corner.

The dining room is practically square. With broad casement windows on two sides and a French window opening to the porch, it is a very bright and cheery room. The china case, accessible from both dining room and kitchen, is of great convenience. It is probable that the doorway from the living room will remain open most of the time but the folding door to shut off the dining room is a desirable feature for such times as when the table is being laid or cleared, or in the evening when some of the family have letters to write or other reason for withdrawing from the general assemblage in the living room.

In the kitchen is space for all equipment except the washing machine and other laundry machinery which have been relegated to their proper place in the basement. Two cases for dishes, one of them also opening into the dining room, and space for kitchen cabinet provide plenty of accommodation for storage. The sink, where light is so important, is directly under the window, and has drainboards at both ends. Space for two ranges is provided. For localities where by the nature of the fuel supply only one range is required, this gives space for more cupboards or an extra table. A built-in closet with ironing board is also provided. Off the kitchen in a bright corner is the breakfast alcove, that great convenience which is being demanded in most modern homes where the housewife is also maid-of-all-work.



DESIGN No. 210

© I. L. Q. A.

English Cottage:
Five Rooms,
Breakfast Alcove,
Bath and Porch

The rear entry contains the cold closet and the broom closet, both out of the kitchen but convenient to it; also the refrigerator, which has an icing door in outside wall so that ice man does not have to enter the house. The cellar stairs open into this entry close to rear door.

The two bedrooms on the second floor are exceptionally large and well lighted. Each has windows on two sides giving cross ventilation and large enough for twin beds and at least three other main pieces of furniture.

There is a large linen closet and room for a couple of pieces of furniture in the square hall at head of stairs.

The bathroom opens from the hall. It has a niche for the built-in bath, the usual medicine cabinet over lavatory wash bowl, and a towel cupboard.

The steep roof provides a large air space serving to insulate the ceilings of upstairs room in both winter and summer. A folding stair to this attic is built into a panelled opening in the hall ceiling, disappearing into it when not in use, but giving the needed access to storage space for trunks, etc.

The general tone of the walls of this house will be a warm buff, which is found in the sawn-face, Rustic Buff Indiana Limestone, or the rough-sawn-quarry-run, having a somewhat wider range of color-tone, including both the buff and gray tones, could be used. It is laid up in a random Ashlar without corner quoins.

In all of this stone is found the natural variation in texture, including coarse and fine grained stone, shining crystalline spots and other interesting configurations. None of these differences is enough to pick out any stone in undue contrast to its surroundings. This character of stone satisfies the same desire that found its expression in rough-faced bricks in place of the old time smooth dry-pressed bricks that once were almost universally demanded.

The woodwork of windows and doors may be painted or stained a dark warm brown, or a dull green if more contrast is desired. Variegated red to brown shingles, or tiles give an appropriate color to the roof; or green to blue slate could be used if the trim is painted green. Still, another suggestion is white painted trim with a weathered grey or grey-green shingle roof.

Color Scheme
of Limestone Walls
and other
Exterior Finish

INDIANA
LIMESTONE
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home of permanent
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THE
NATION'S
BUILDING
STONE

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Bedford, Indiana, June, 1923



INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department P. O. Box 401, Bedford, Indiana

Folder 11

Designs for
INDIANA
LIMESTONE
Homes

The French Style House Design No. 211

Roomy American home with semi-formal exterior
design based upon minor French Chateau style

THIS house design will at once find a welcome from those who desire a home of distinctive style along with roomy comfort, economy and the attractive appearance resulting from good planning. The exterior of this house is fashioned in the style of certain of the minor French chateau where a straight forward simplicity was the keynote. It is plain but not common, solid but not stolid, in fact, graceful but not delicate—nothing if not typical of that Old World stock which nurtured it to perfection.

The interior arrangement of course does not run true to form, for now-a-days we do not require a pantry with accommodations for stores to feed us for months, nor a kitchen with an open fireplace and spit big enough for half a dozen scullions to run around in, but we do demand bathrooms and plenty of convenience that did not concern the people of a few hundred years ago.

Two second floor plans are included.

In the plan with four bedrooms, one of the bath rooms is arranged so that it would be practically private to the main bedroom but at the same time be accessible to other bedrooms, without passage through the main bedroom. In the plan with three bedrooms one of the bath rooms has been made private to the main bedroom, with the idea that the second bath would serve the other two bedrooms. In this plan the bedrooms are, of course, larger, especially the main bedroom which has a very large closet fitted with a case of drawers.

The bedrooms in both plans are all of good size and are well lighted by double French casement windows.

As the kitchen opens into the passage from hall leading to side entrance vestibule in which the head of the stair to basement is located, it will thus be seen that one can go directly to the side door or down to the cellar, either from the front hall or side entrance without passing through the kitchen proper, enabling this side door to be used as an automobile entrance.

The house as planned including the porch has a frontage of 67'0" and for a proper setting should be placed on a lot having a width of about 100'0".

The plan of course would also be quite suitable for a house placed lengthwise on a much narrower lot. With a proper allowance for sidewalk and driveway it could then be placed on a 50'0" lot although it will of course be realized that such a house would appear to far greater advantage on more spacious grounds.

The roomy attic is unfinished and intended for storage purposes only and is reached by a disappearing stair housed in the ceiling of second story hall. By reason of the pitch of the roof this attic is large enough to provide space for one or two additional rooms and could be reached by a permanent stair built over the main stair starting from where linen closet is shown.

In the basement extending under entire house there is every accommodation for laundry and heating plant with large storage space for coal, vegetables, etc.

Style of house,
convenience of
plan and other
features

Size of Lot
Required:
100'0" wide by
any suitable
depth

Cubic Volume:
49,400 cu. ft.
from cellar floor
to roof line,
including an
allowance for
Porch

THE
NATION'S
BUILDING
STONE

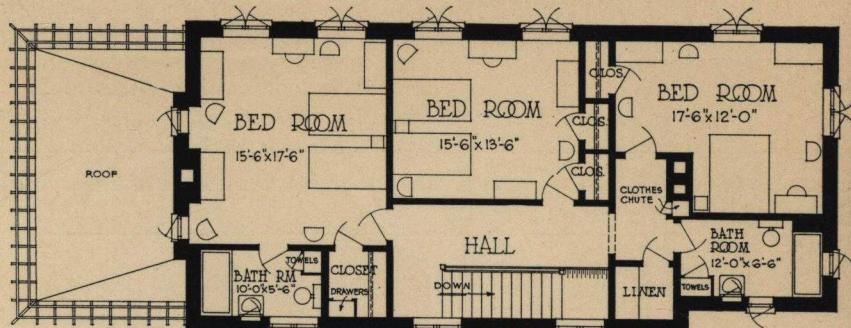
Design No. 211. Size: Width overall 67'0" by a depth of 26'0". One of the advantages of this plan is that the principal outlook is to garden at rear, enabling it to be built fairly close to a busy street without loss of privacy and seclusion. It is a plan specially suited for a wide, shallow lot located on a much traversed boulevard, road or city street.

This design best suited for a lot that faces north or east, and with plan reversed for a lot that faces north or west

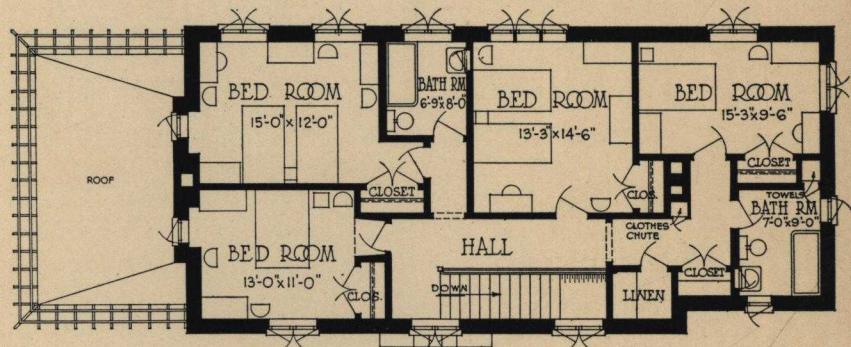
The arrangement of main stairs with lower landing convenient to service quarters, permits the desirable omission of rear stairs and the arrangement of rear hall enables the side entrance to be used also as an automobile entrance.

This porch is intended to be left open as shown but could readily be enclosed with full length glazed sash.

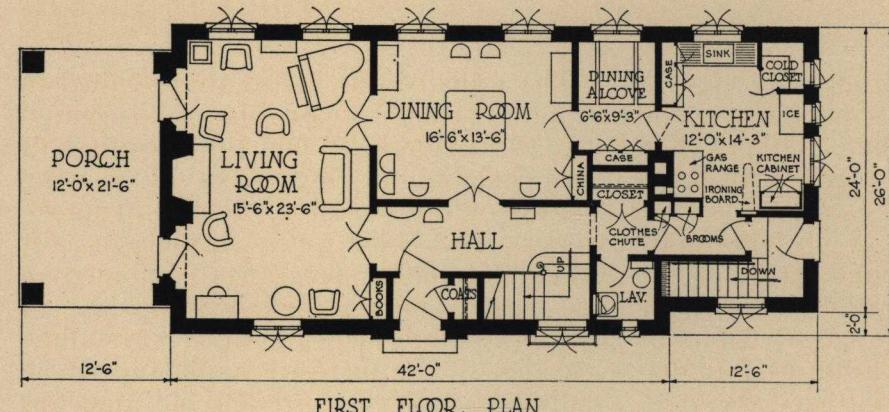
There is a cellar under entire house except under porch which is not excavated.



ALTERNATE SECOND FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN

A small front vestibule, with coat closet adjoining, opens into the hall which runs crosswise of the house. The open stair rises from this hall against the outside wall, with a very pleasing effect given by a transomed French casement window, with wrought iron balustrade at the lower landing.

At one end of the hall is the large living room 15'6"x23'6", taking up the whole depth of the house and having windows on three sides and a built-in bookcase in one corner. A fine, large early French style LIMESTONE fireplace is placed in the middle of the long outer wall, and on either side of it glazed French doors placed in arched recesses open on the porch.

The dining room is in the middle of the rear of house directly behind the hall and is entered through double French doors from both hall and living room with which it connects. It has a china cabinet in one corner and is lighted by two double casement windows.

Between the dining room and kitchen there is a dining alcove fitted with a large case for dishes and intended to serve also as a sort of butler's pantry. The dining room, therefore, would only have to be used for the more formal meals.

At end opposite to the living room entrance, the hall continues into a little passage which has the main coat closet on one side and a lavatory on the other. This passage also leads to cellar stairs and opens into the kitchen.

The kitchen is convenient to the whole house: only a few steps from the front stair and main entrance, also close to cellar stairs and rear entrance, and to dining room through the breakfast alcove.

Floor Plans
and Their
Arrangement

See first page for
further description
of this house, size
of lot, etc., and last
page for exterior
features



DESIGN No. 211

© I. L. Q. A.

Placed in the back corner it receives a light on two sides, from windows over the sink and beside the kitchen cabinet. The sink has double drainboards with cupboards underneath and a large case for dishes over the counter which adjoins it. There is a cold closet in one corner of the kitchen; has the refrigerator alongside of it with a door for outside icing. A broom cupboard and clothes chute to laundry are located near kitchen in rear hall.

Two alternative plans are shown for the second floor, one having four bedrooms and two baths and the other three bedrooms and two baths. In both plans the bedrooms are well lighted, only the one center room not having windows on two sides; all have large closets and plenty of room for the articles of furniture required; two of the bedrooms in each case being large enough for twin beds. Both plans have large linen closets, with clothes chute near by and the one plan also has a storage closet in hall.

In both of the plans the rear bedroom is arranged so that it could be set aside for a maid with a bath close at hand, without arranging this bath for the exclusive use of that bedroom.

The walls of this house are intended to be built of rough-sawn ashlar of Variegated INDIANA LIMESTONE laid up in courses of even height but in blocks of varying lengths or the so-called "block in course" work. The color tones varying in soft greys and buffs, sometimes combined in one stone, interspersed with pieces of coarser texture showing white crystalline sparkles and drab fossil spots, the whole wall having a subdued and antique appearance.

The material for this work is ordered from the quarries in random lengths and is jointed at the building to the required sizes, with no attempt to keep the joints vertically over each other. A certain percentage of the random length material could be obtained with one end sawed square so that it could be used at the corners of building, at the window jambs and for the piers and chimneys. The only cut-stone work in this house therefore, is the main entrance feature and the window sills and lintels, as the moulded pier caps and the cornice are of wood.

The porch floor may be all stone or of red quarry tile laid in panels with borders of LIMESTONE slabs.

French style
house; seven
rooms, dining
alcove, porch and
two baths

The rough-sawn
Limestone walls

Alternative Floor
Plan Arrangement

INDIANA
LIMESTONE
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color scheme
of other Exterior
Finish

The new
Portfolio of
House Designs
which all
home builders
should obtain

The roof should be either of green slate, or of red brown or dull green shingle tile. Wood shingles could be used but are hardly suitable for a design of this character. The woodwork of cornice and window frames should be painted a light color to harmonize with the color selected for the roof preferably a light grey, light buff or ivory white, with the sashes and doors painted the same color.

Taken as a whole it is thought that this design would prove to be a delightful all year round house for average American family living in the better class suburb, where houses of semi-formal character are the rule. It is a design that would also be suitable for a home built along any suburban street, boulevard or parkway section of a city, and is a house that would always command a good price.

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Bedford, Indiana, September, 1923



INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P.O. Box 401, Bedford, Indiana

Folder 12

Designs for
INDIANA
LIMESTONE
Homes

The Mid-West Suburban House Design No. 212

Compact Plan With Interior Halls

A new type of American home with
modern English exterior treatment

UNUSUAL both in exterior design and in interior arrangement, but at the same time simple in treatment, convenient and compact, this house possesses many attractive features that cannot but appeal to the family with a moderate sum to spend, but desirous of having a quite plain and sensible home, roomy, comfortable and well arranged within, and with an outward appearance that bespeaks the discriminating taste of its owner.

The broken wall lines and gables give to this house an interesting effect when seen from any angle. With the attached garage it is sixty-three feet across the front and requires a lot of at least eighty feet frontage, unless the buildings on the adjoining lots are well distant from the property lines, as it demands some space for its beauty to be appreciated, and should not be crowded on too small a lot.

The same plan for the house could, of course, be used on a narrower lot by having the garage as a separate building in the rear, but unless access to garage could be had from lane or alley at back of property, not much width could be saved after allowing space for a driveway and a walk to the rear entrance alongside of house. In fact, this design is especially intended for those sections where rear lanes do not occur and where it is either desirable or necessary to enter garage from front street.

The roof of the garage is a flat canvas covered deck with a balustrade around it

providing an upstairs veranda opening from one of the bedrooms. An awning could be stretched over all or part of it, on an easily erected removable framework of galvanized pipe.

Although the attic is not finished, windows in the end gables provide light and ventilation. A disappearing stair in the second story hall ceiling makes it accessible for the storage of trunks, etc.

The plot plans show a very simple treatment of the site as the house is intended primarily for semi-rural localities, where the natural beauty of a few fine trees with plenty of lawn and a small amount of shrubbery and flowers would be the most appropriate, satisfactory and, incidentally, economical setting for such a house, intended for all year round occupancy.

Such a simple layout would make this house most livable at all seasons, without entailing a lot of labor in order to keep the place in order.

Taken as a whole and studied carefully it will be found that this INDIANA LIMESTONE house design possesses distinct merit, as a convenient and easily maintained modern house for the moderate size family living in either distinctly rural or semi-suburban localities.

A LIMESTONE house of this character would never become old or out of date, never cost much in the way of upkeep. It would always be a profitable investment and be easily sold at a good figure.

Style of House,
its setting and
exterior Features

Size of Lot
Required:
80' 0" wide by
any suitable
depth

Cubic Volume:
51,300 cu. ft.
from cellar floor
to roof line,
including Porch
and Garage

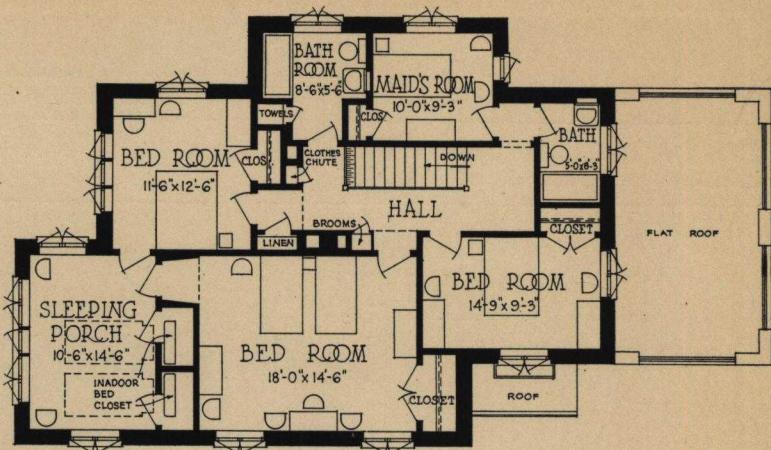
THE
NATION'S
BUILDING
STONE

Design No. 212. Size: Width overall 63' 0" by a depth of 36' 0" plus 4' 0" extension of porch at rear. Note the compact arrangement of floor plans and the convenient grouping of the rooms around centrally located halls, and especially the arrangement of kitchen equally convenient to both dining room and breakfast alcove. The arrangement of halls, coat closet and lavatory and the desirable separation of connected garage, which this arrangement affords, make the plan one of exceptional merit.

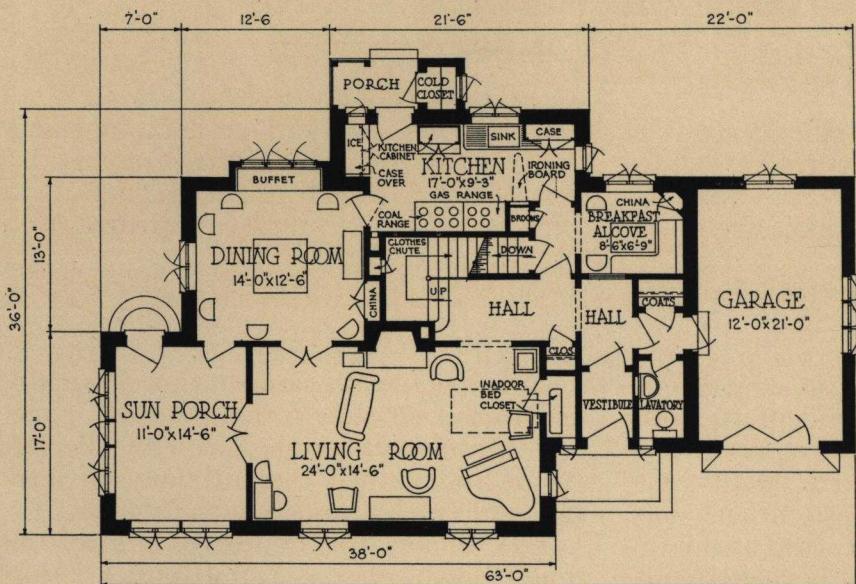
The sleeping porch with closets for two in-a-door beds is a unique feature that enables this porch to be utilized also as a sitting room.

There is a cellar under entire house except space under garage, which is not excavated.

This design best suited for a lot that faces south or east, or with plan reversed for a lot that faces west, south or north



SECOND FLOOR PLAN



FIRST FLOOR PLAN

Arrangement of
First Floor
Plan

The rooms on first floor are arranged somewhat like an apartment, with the living room, dining room and sun room en-suite. The large living room has two pairs of French casement windows on one side and a small casement window at one end, is entered from the hall through a cased opening and through double French doors, opens into both dining room and sun porch. The living room thus receives light on three sides. In the middle of the long inside wall is a large fireplace, with hearth and early English style mantel of INDIANA LIMESTONE. At one end of the living room is a closet large enough to contain an in-a-door bed, if required.

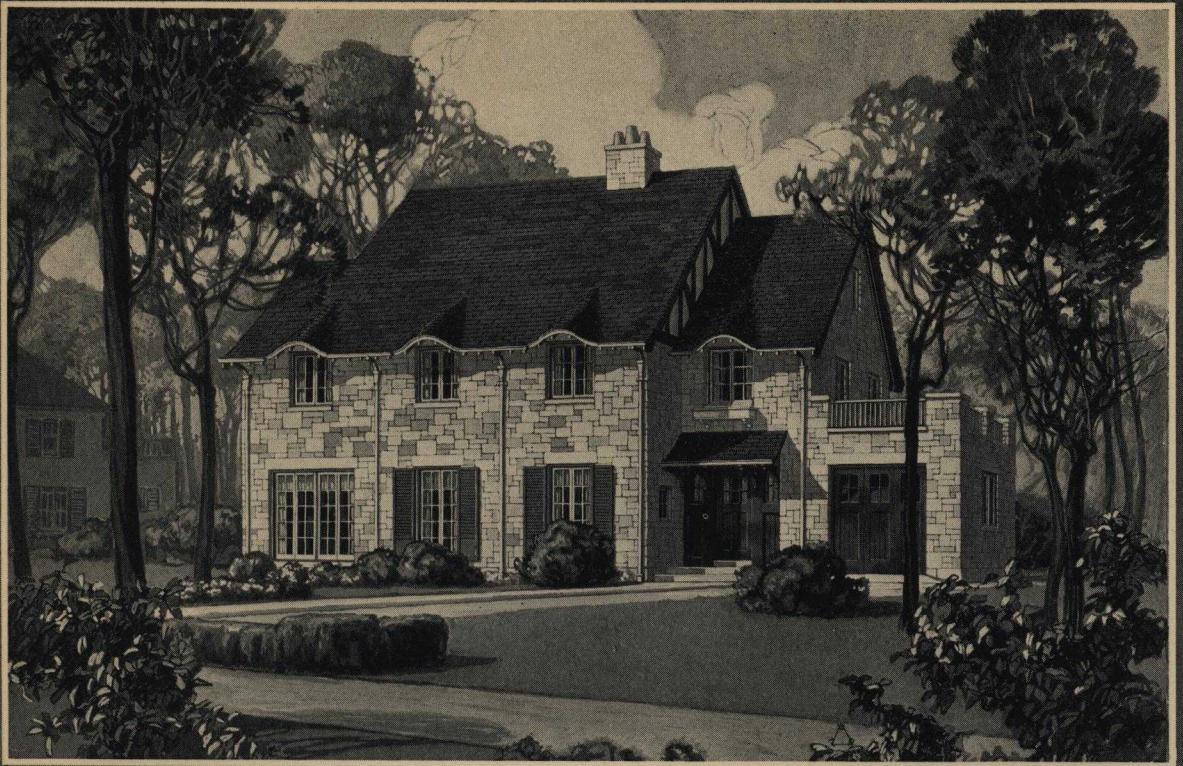
The enclosed porch or sun room at corner also has windows on three sides and being connected to the dining room by a

French door enables it to be used also as a Breakfast porch and, being lighted from three sides, makes it an ideal sun parlor. A glazed door from this porch leads to the lawn at rear.

The coat closet and lavatory are located convenient to both main entrance hall and the entrance door from the garage, which, although directly connected to house, is well shut off from the house proper by two doors.

A very attractive feature of the dining room is the bay arranged for buffet, with window sills built high enough to clear the top of the typical low back type of buffet now in general use. With the built in china closet, no furniture other than serving table extends out into room, giving the entire floor area to the dining table and chairs. With the roomy breakfast alcove in regular use for all meals, the dining room could be utilized as a library, study or sitting room for the younger members of family, a sort of family room, reserving the living room for more formal usage by the adult members of family in evening.

The centrally located first story hall containing the stairs takes up a minimum amount of space for a house of this size.



DESIGN No. 212

© I. L. Q. A.

Suburban Home:
Seven Rooms,
Breakfast Alcove,
Sun Room and
Sleeping Porch,
two Baths and
Garage

The kitchen is a model of convenient arrangement equally convenient to both dining room and breakfast alcove; it is a pantry-kitchen yet no extra floor area is given to it. Space for two ranges has been provided as they are used in many parts of the country, but if both were not required, the space of one range can be used for a table or other piece of furniture. A kitchen cabinet, a long sink with double drain boards, with cases above and cupboard for utensils under it and another large case over the refrigerator, also a closet for the ironing board, a broom cupboard and a refrigerator with an outside icing door, complete the kitchen equipment. The icing of refrigerator from outside does away with having to mop the floor after the ice man's visit.

The breakfast alcove, really a small room, is located behind entrance hall, close to the kitchen and has leaded ripple glass window which throws a warm glow of light into the hall.

Under the main stair equally convenient to both kitchen and front hall, is the stair leading down to the furnace room and laundry in basement.

The upstairs accommodation is equally generous; see description on last page. The center hall connecting with all bedrooms and both baths, although an interior hall is open and roomy in effect.

The walls of this house are built of the rough-sawn-quarry-run INDIANA LIMESTONE laid up in a random ashlar with the blocks preferably tending towards the square in shape, rather than long and narrow. The usual great range of greys, buffs and soft browns give just the desired amount of color tone. Very little cut stone is required as nearly all of the walls can be built of the random length quarry-run stock. The long lintels at sun porch and over garage door, are supported by steel angles and could be in several pieces. The other lintels are one piece structural lintels of stone.

The door and window sills, the steps, the pier and chimney caps, and the coping over the garage, is the only cut stone work that would have to be procured from a cut stone yard. Even for these, sawed stone cut to the proper lengths, is the only cutting involved, the balance of the work being ordinary mason work.

**The rough-sawn
Limestone Walls**

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color Scheme
of other
Exterior Finish

Arrangement of
Second Floor

The new
Portfolio of
House Designs
which all home
builders
should obtain

No. 12 of
Volume 5
INDIANA
LIMESTONE
LIBRARY

Series B

A green-grey or weathered grey would be the most suitable color for the shingle roof, with brown stained half-timber work at main gables and grey-white stucco between this timbering.

The window frames and woodwork at entrance, in order to harmonize with the stone, might be stained or painted brown, or if preferred, be painted a sage green, the shutters at living room windows being painted to match. The window sash in either case being painted an ivory white or light buff color. The main windows, including the long French windows in first story, are all double sash casement windows. A further color note is given by the reddish brown tile chimney pots.

On second floor a very large bedroom occupies the front of the house. There are two others of ample size and one somewhat smaller bedroom of fair size for child or maid, or for use as a card room, den, or sewing room. On account

of its size, its situation at the head of the stairs and its convenience to one bathroom which might be reserved principally for the use of the occupant of that room, this room has been designated as a "maid's room", but there is no reason why it should not be used by some member of the family or for other purpose, if no servant is employed.

The large main bathroom is located near the two principal bedrooms. A large sleeping porch with windows on three sides occupies the corner over the sun room. It has closets for two disappearing beds and opens directly from two of the bedrooms. All of the bedrooms have very ample closets and in the hall there is a linen closet and a place for brooms, etc. In both bathrooms there is the usual medicine cabinet and in main bathroom a towel cupboard large enough to store also any overflow of linen from the linen closet in hall.

This folder illustrates one of a Series of Moderate Cost House Designs prepared to show prospective Home-builders the artistic possibilities that are afforded by the use of INDIANA LIMESTONE facing for the walls of small and moderate size residences.

The collection of designs in this series is now being prepared in portfolio form and will soon be ready for distribution. If you are planning to build, or interested in planning a future home, you will doubtless wish to have a copy of this portfolio. It will contain many suggestions for the planning and building of a really good home.

All of the designs have been carefully developed on the basis of convenience and economy. These designs are entirely new and have never been published before in any form. The houses range in size from five to nine rooms.

A small charge will be made for this portfolio

to cover the cost of printing only. *See order blank enclosed herewith.*

The Indiana Limestone Quarrymen's Association maintains a *Service Bureau* for the use of Architects, Contractors and others interested in building. A department of this Bureau is devoted to the handling of Home Builders' problems and is prepared to answer your questions about INDIANA LIMESTONE and its use for moderate cost houses.

INDIANA LIMESTONE is regularly shipped in both the rough and finished state to all parts of the United States and Canada. Stocks of it are carried at the distributing centers in most cities and in many of the smaller towns.

An interesting booklet, Volume 1 of the INDIANA LIMESTONE LIBRARY, which fully describes the stone and its structural qualities, will be sent free upon receipt of postal request.

INDIANA LIMESTONE; formerly called Bedford Stone; is a *Natural Stone*, not a manufactured product. It is a fine even-textured non-crystalline limestone of beautiful soft color-tone, ranging in the various grades from a somewhat grayish buff, on through silver gray to a medium toned gray or slightly bluish cast. The massive deposit forming the ledges in the hills of Southern Indiana, from which this fine, easily worked, yet durable and permanent stone is quarried, constitutes one of the most wonderful and probably the most useful of building stone deposits in the world.

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Bedford, Indiana, September, 1923



INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 13

Designs for
INDIANA
LIMESTONE
Homes

The Old Philadelphia Colonial House Design No. 213

Compact center hall plan with attached garage

A Stone Colonial Home of the "Germantown Hood" type, having garage in rear wing, with large sleeping porch above

THIS style of stone house, although possibly a descendant of some Old Country type, reached its full development in this country during the pre-Revolution days and many fine examples can be seen around Philadelphia, chiefly in the old suburb of Germantown. Perhaps the most characteristic feature is the so-called "Hood," or cornice, above the ground floor windows, that rather peculiar projection which looks like the beginning of a roof, or as if the stone wall had at one time been only one story high. It is a style that has a homelike appearance and quite justly has always been a popular one with Architects.

In other respects also, this house design is true to type, with the quaint gable hood over the front entrance, the small pane windows with outside shutters and with the moulded window frame boxes exposed in the reveal and set out fairly close to the wall face, the semi-circular windows in gables and the simple hip roof, in this case without dormer windows.

The walls of these old houses were built of stone from the neighboring hillside, split and roughly dressed to size and generally laid up in the form of roughly squared ashlar masonry. Quarry-run INDIANA LIMESTONE, rough-sawn at the quarry on four sides, jointed to length at the job and laid up in the same fashion, gives a similar effect—a little lighter in tone and a little more regular in shape and finer in texture perhaps, but none the

less attractive. Certainly in more usable condition when it reaches the job, far easier to trim and fit, and therefore, more economical and with the advantage that it is available in any part of the country.

The main entrance in the middle of the front, has a simple old fashioned stoop with high back colonial seats on either side and projecting hood shielding the entrance, with a spherical segment shaped ceiling underneath, giving it lightness, as well as beauty. The heavy panelled door, with its brass knocker and two narrow side light windows, all in one large frame, deeply recessed with panelled reveals, complete the entrance feature.

True colonial type windows are used in this house. The over sills are of wood and are a part of the frame. These window frames are built quite close to the face of the wall, so even the returns of stone in the jambs do not need to be dressed smooth. Cut stone could therefore, be eliminated entirely in this house, as the quoining at corners and the two arches over semi-circular windows, can be roughly dressed from the quarry-run stock by masons; the lintels, steps and front platform being of sawed stone also.

The floor of side porch may be flagged with limestone, laid either with random or regular jointing, or it may be paved with a combination of limestone flags and red quarry tile.

The two car garage in rear wing is heated by radiators attached to house system.

Style of House,
the walls and other
exterior features,
porch, garage wing

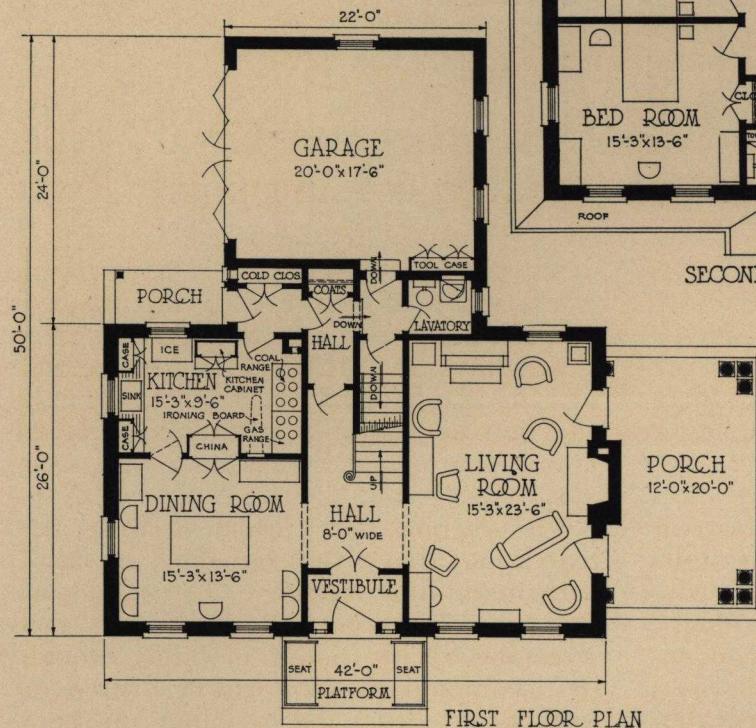
Cubic Volume:
51,400 cu. ft.
from cellar floor
to roof line,
including Garage
and an allowance
for Porch

THE
NATION'S
BUILDING
STONE

Design No. 213. Size, width 55'0" overall, including side porch, by a depth of 50'0". The principal feature that makes this house an unusual one, is the rear wing with garage, and sleeping porch above. The convenient arrangement of the halls is another interesting feature. Few center hall houses are as compactly planned.

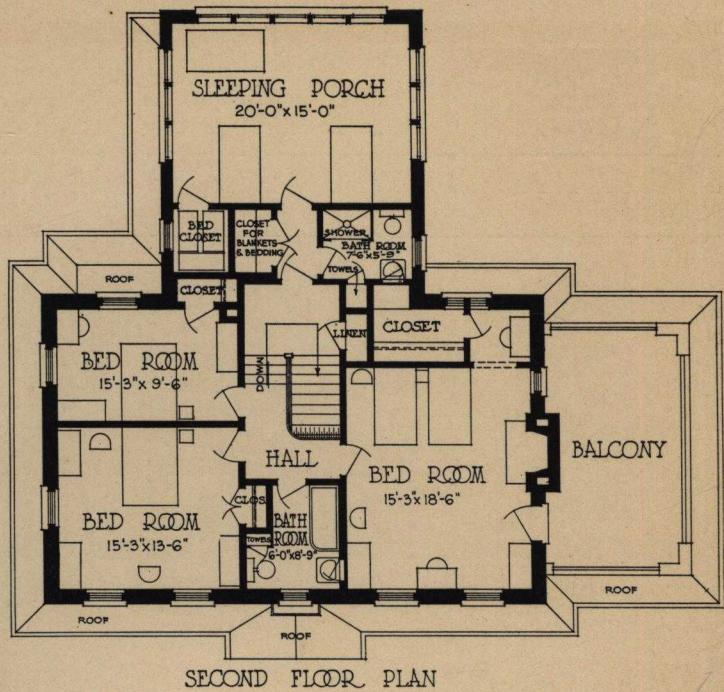
It will be noted that the coat closet and lavatory are right at hand for one coming from the garage and that the front of house can be reached without having to go through the kitchen; also that anything to be taken from the cellar can be carried out either to back porch or through garage avoiding passage through kitchen. The kitchen arrangement also, is especially good. There is a cellar under the entire main or front portion of house. The spaces under garage wing and side porch are not excavated.

This design best suited for a lot that faces south, west, or north and with plan reversed for a lot that faces south or east



This house, like its prototypes, has a through center hall, protected by a vestibule at the entrance and with a straight staircase ascending to the floor above. This is a colonial open string staircase with the risers and delicate turned balusters painted white and the treads, newel and hand rail of birch stained a walnut, cherry or mahogany color. Flat arched openings connect the hall with living room on one side and with dining room on the other.

The living room to the right of hall, is a large sized room, 15'3" x 23'6", and is lighted from three sides. The large early Georgian fireplace which is built in center of the long outside wall is a most desirable feature. At either side of it are half glazed doors opening on to the side porch.



The dining room to the left of hall at front of house has windows on two sides. The built-in china case, placed behind mirror doors, and opening at back into the kitchen, is a great convenience for keeping handy the dishes in everyday use.

AN Back of the dining room is the modern pantry-kitchen, very well arranged, compact but not crowded. This also has windows on two sides, one over the drain-board and the other opening onto the small side porch, placed high enough to clear the top of refrigerator, with a door underneath for icing. The counter and sink with double drainboards, with cupboards underneath and china cases above, occupy one end of the room, providing ample storage accommodation for kitchen supplies and utensils.

The kitchen cabinet placed alongside of refrigerator is but a couple of steps from either the sink or ranges. An extra table may be placed where one of the ranges is shown, whenever the fuel situation does not make the two ranges desirable. The cold closet is situated in the rear entry just outside of kitchen door.



DESIGN No. 213

© I. L. Q. A.

Colonial House:
Six rooms,
Sleeping Porch,
two Baths and
Garage

The back hall also opens into this rear entry, connecting same with cellar stairs and garage, thus making the stairs convenient to both front and back doors. A coat closet and lavatory are conveniently located off the back hall.

On the upper floor there are three comfortable bedrooms; one is very large with light from three sides and a fireplace which make it doubly attractive and comfortable. It has room for twin beds and three large pieces of furniture and an alcove for desk or sewing machine. Also a large wardrobe closet lighted by a window and is fitted with trays and shelves at one end. From this bedroom a half glazed door opens out onto the flat canvas covered deck over porch, which could be protected by an awning, making a delightful balcony.

The other two bedrooms, while smaller, are of ample size. Both have windows on two sides, plenty of room for all necessary furniture and have wardrobe closets. The main bathroom occupies the space at end of hall between the two front bedrooms. There is a large linen closet on the landing, four steps down from second floor.

The sleeping porch which occupies the rear wing above the garage is on level with main stair landing. Three sides of this porch are practically open with sash screening. This porch is large enough to accommodate comfortably, three or four single beds and adjoining it is a closet for three folding porch beds enabling these beds when not in use to be folded up and rolled out of sight. In the adjoining passage there is a large closet for blankets and bedding, and across from this a fully equipped shower bathroom.

The attic is large and affords a good place for the storage of trunks, etc., is reached by a disappearing stair built into second story hall ceiling and is not designed for occupation. An attic stair over the main stair is thus eliminated, giving an open effect to the upper hall.

The basement under main part of house contains the laundry, coal storage, furnace room and a workshop.

This house, including porch, has a width of about fifty-five feet and, with space for a driveway and walk at side of house to the back entrance, would require a lot about seventy-five feet wide.

Sleeping Porch
with Bed and
Bedding Closets

Size of Lot
Required:
75' 0" wide by
any suitable
depth

INDIANA
LIMESTONE
will assure a
home of permanent
beauty and the
highest sale value

The walls of this house are built of a sort of random coursed ashlar of the quarry-run INDIANA LIMESTONE, with a fairly rough texture just as the stone comes from the saw and having the varying tones of soft grey and buff, ranging from cream tints in some stones to brownish shades in others, and from silvery grey to blue grey. The whole possessing considerable variety and interest in the finished work. The stone for this work is ordered as quarry-run, in random lengths, sawed-four-sides to the required unit heights, for cutting to length on the job.

Used thus as a facing, with a backing of brick, hollow tile or other blocks, or even applied as a veneer over wood stud, frame walls, it makes a more uniform, drier and dependable wall than the old construction of solid stone with its irregular wide joints of porous mortar. Then the present day mason is not quite so conscientious as his fore fathers in filling up the interstices with mortar and it is much preferable to have the stone thus nicely prepared in the sizes required for him to trim to length and build into wall.

The main roof and "hood" at second story level are covered either with wood shingles stained green, or with green slate or asbestos shingles, preferably a sage or dull grey green to give a weathered effect. The woodwork of the frames and sash, seats at the front entrance, the columns and underside of hood cornice and porch

ceiling, the main cornice and rafter ends should be painted white or cream. The upstairs shutters would look best in green, of a shade that will blend with roof, but the downstairs shutters may be painted either green or white, as preferred. Space must be allowed to permit the turning of cars into the garage, and a suitable width should be allowed to separate the porch from adjoining lot line.

The plot plan therefore shows this house placed on a seventy-five foot lot, set back fairly well from the sidewalk, as it should be for the best effect. The space in front of house has been left for lawn with a few trees and a very little shrubbery at corners. Back of the porch, a delightful little old-fashioned flower garden is shown, with a geometric arrangement of gravel paths and flower beds. In the center of this garden there is a limestone bird bath. At the rear of the garage wing the yard is left as lawn, surrounded by a planting of shrubbery and flower borders, with trees or tall shrubbery at the back of property, in one corner of which a stone seat has been placed.

This INDIANA LIMESTONE house is one that has a homely charm based upon the best American traditions brought up to date and is a moderate cost and distinctive, modern home, suitable for the average American family. It is a home that would fit quietly in any good suburb or in the more built-up sections of a city.

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Service to the Home Builder

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INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
Home Builders Service Department

P. O. Box 401, Bedford, Indiana

Folder 14

Designs for
INDIANA
LIMESTONE
Homes

The Early English House—Design No. 214

With Compact Modern Floor Plans

A truly American home with post-medieval English exterior based upon an old Cotswold village type

THIS house design, which resembles certain of the quaint old stone houses in the Cotswold Villages of England, will delight the traveller returned from abroad who has seen the beauty of these old limestone houses and has become inspired with the charm of these villages, when compared with the monotony and unattractive appearance of so many of the residential sections of our American cities.

There is distinct individuality in this design, combined with comfort, convenience and economy; it is not fantastic and in no sense a house where genuine home-like comfort has been sacrificed to achieve the particular architectural effect which the design presents.

The broad horizontal lines of the central feature with its mass accentuated by the two lower end wings, and the detail of the irregularly coursed INDIANA LIMESTONE ashlar, give a substantial, low-lying, roomy effect and appearance of comfort that always makes a house inviting.

While this is a broad house, it is shown placed endways to the street and does not require a lot of considerable width. The plot plan shows this house thus placed endways on a 60' 0" wide lot, but it could readily be placed on a 50' 0" lot without crowding, if the houses on adjoining properties were not built close to the lot lines.

There is a driveway and walks along left side to garage, which is not shown in the perspective view, but only on the

plot plan, being placed alongside of kitchen wing, to which it is attached by the wall as shown with gateway shutting off the service yard at side and rear of garage, as the one walk serves both main and service entrances.

The property to front and right side of house is left as lawn with very little shrubbery planting at porch and at sides of entrance. Back of the house there is a delightful little flower garden shut off from the side lawn by a clipped hedge. On the lawn in this garden there is a garden set consisting of tea table and chairs, protected by an umbrella awning. In back of the little flower garden and adjoining service yard, there is a play lawn surrounded by a tall shrubbery planting, which is entered from garden through a lych gate. The whole plan is simple and possesses a naive charm.

The layout of property in this manner would enable the owner to enjoy it at all seasons, and still not involve much upkeep.

The plans will show that no space has been lost in the arrangement of halls, and that much space has been conserved by departing from the usual arrangement. Instead of a center hall cutting the house in two, there is a small square hall containing the entrance to the stair, and the door-ways to living room and dining room, all close together and near the front entrance. A coat closet also opens from this hall, through which the downstairs lavatory is reached.

Style of House,
Plot Plan and
Other Features

Size of lot
Required:
60' 0" wide by
any suitable
depth

Cubic Volume:
46,100 cu. ft.
from cellar floor
to roof line,
including porch

Design No. 214. Size: Width 36' 0" by an over-all depth of 70' 0". The charm of the old looking stone walls with casement windows, and the delightful sun porch with sleeping porch above, both of them heated for all year round use, are the most interesting features of this design. The windows could be either wood frame and sash, or metal casements set in wood frames.

Note the compact arrangement of the halls and stairs. Also that all bedrooms have windows on two sides and wide wardrobe closets. The conveniently planned kitchen with windows on three sides, over-looking garden at rear, would be a delightful room for the housewife to work in. With the omission of maid's bathroom, the maid's room would be a fine play room or nursery for children.

The basement could extend under the whole of house, or just under the main central portion of it, whichever is preferred; as there would be plenty of room for the laundry, coal storage and furnace room in the cellar space under central portion and there is no need of excavating the cellar also under the two end wings.

If desired the garage could readily be attached to service entry by a covered arcade, instead of by garden wall.

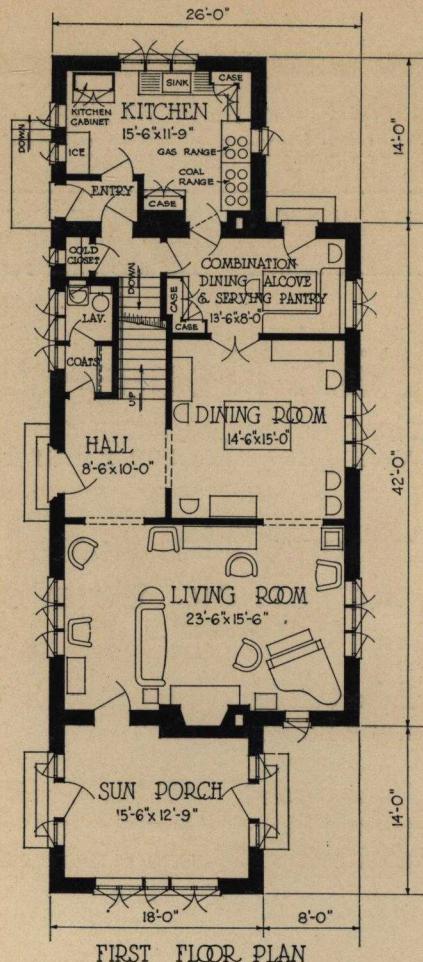
This design best suited for a lot that faces west, or north and with plan reversed for a lot that faces east or south.

Floor Plans
and Their
Arrangement

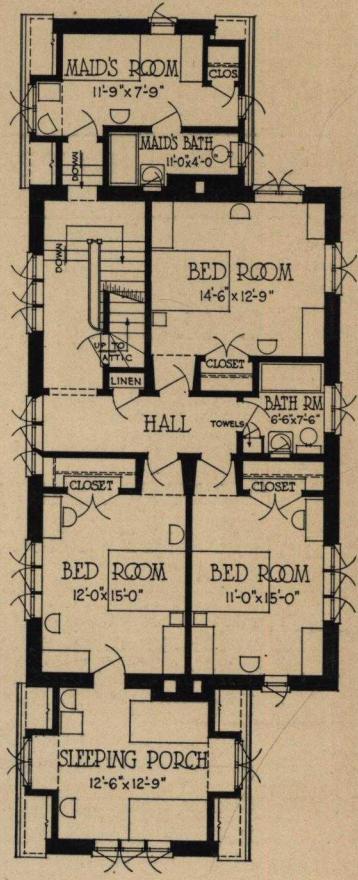
The living room is large, 15'6" by 23'6", and extends through the width of house, with windows on three sides; it has grouped casements in each end and a large limestone fireplace of Tudor design in the middle of the long outside wall. Opposite to door from hall there is a glazed door opening into the sun parlor. This room has three outside walls, largely of glass, with glazed doors on both sides, and is virtually an enclosed porch, heated like the remainder of house for all year round use.

A simple early English or Tudor design would be most suitable for the LIMESTONE fireplace in living room. The hearth should also be of dressed stone slabs.

The dining room, in addition to its entrance from the hall, opens also through a wide cased doorway into the living room. It has ample wall space for large sideboard, serving table and china cabinet or other piece of furniture. On side opposite to living room the dining room opens through glazed French doors into a combination dining alcove and serving pan-



FIRST FLOOR PLAN



SECOND FLOOR PLAN

try, arranged between the dining room and kitchen. This room has one end fitted with china cupboards and cases, and the other end with table and seats, thus making it useful both as a serving pantry for the dining room and as an informal dining or Breakfast room. From the dining end of this alcove room a glazed French door leads out to the lawn and garden at rear.

In a wing by itself, the kitchen gets light from three sides. It has sink with double drainboards, china cupboards, space for two ranges and refrigerator with an outside icing door. A passage from the kitchen leads to the tradesman's entrance and just beyond this is the cold closet and the stair to basement. All of which are also conveniently reached from a door at end of the dining alcove.

On second floor, the hall is lighted by two groups of casement windows, the stair hall with enclosed stairs to attic over the main stair, being separate from the hall proper, onto which the three bedrooms open.



DESIGN No. 214

© I. L. Q. A.

Early English
style house:
Seven Rooms,
Dining Alcove,
two Baths
and Porches

Color-tones of
Limestone Walls

One of these bedrooms opens onto a sleeping porch, which is large enough to contain two beds comfortably, and is sufficiently well closed in to be used as a bedroom all the year round.

These bedrooms are all of good size and have ample closets. There is also a good sized linen closet. The main bathroom is at end of hall, convenient to all bedrooms.

Just off the stair landing on second floor level, but entirely separate from the other bedrooms, is the maid's room, not very large but of sufficient size to contain all the necessary furniture, with windows on two sides and rear, one in an attractive little dormer providing space for a desk or table. This room has a closet and connected to it a maid's bathroom.

The attic stair over the main stair is enclosed and completely shuts off attic from second story. The plan does not contemplate the finishing of the attic, using it merely for storage space, but if desired, two bedrooms and a bath could easily be arranged in attic. Only one dormer is now shown lighting the attic, but others could be added without changing

the design, if it was desired to include this additional bedroom accommodation.

The walls of this house are shown built of the rough-sawn quarry-run INDIANA LIMESTONE ashlar. It will be noted that the courses are of different heights but that each course runs level around the entire building. The use of stone possessing a range of subdued color from light grey to buff, including varying tints of brown, with no other finish after it leaves the saws, gives a most pleasing color-tone and texture effect to the walls.

Very little of the so-called "cut stone" is used and this is nothing more than sawn stone, planed and cut to the required shapes. In the house it occurs at the main entrance, coping ramps, the intakes and caps to the chimneys, and for the steps, sills and lintels and garden wall. The window sills and lintels, however, may be made of plain strips of sawn stone, but as stone, of sufficient length for these sills and lintels at the large openings would not be found in a shipment of random length sawed stone, these should be obtained separately with the remainder of the cut stone work.

INDIANA
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home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color Scheme
of Exterior
Finish

The new
Portfolio of
House Designs
which all
home builders
should obtain

No. 14 of
Volume 5
INDIANA
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Series B

The windows are all outward opening English casement windows, grouped in wood frames, without stone mullions between sash.

The roof should be of a rough reddish brown shingle tile, or of variegated slate, having grey green, purple and reddish brown colors, either of these being laid in a somewhat irregular fashion.

So little woodwork appears on the exterior that painting is a very small item of the original cost and of the upkeep. The colors that suggest themselves as suitable to blend with the stone background are brown or dark dull green for the frames, with the sash painted white and the main door of oak stained a medium dark brown, or English oak color.

In order to separate the service yard from the walk to main entrance, it is shown very attractively enclosed by a stone wall. Should this expense be a

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factor, a like result could be obtained by a tall hedge.

The plot plan shows the house placed well back from the street. This design however is one that could also be built very close to the front street in suburban localities, without any great loss of privacy, as the principal windows are all on the sides of house.

It is a delightful home and one that is equally suitable for a city, suburban, or distinctly rural locality. The plan is compact; all of the rooms are of good size but none of them are over large and there is no space wasted for large halls.

Built of INDIANA LIMESTONE, it is a house that would weather centuries of time, just like its old English prototypes, and still be beautiful, aging most gracefully with the passing years.

The rough-sawn quarry-run grade of INDIANA LIMESTONE is supplied to home builders, either direct from the quarry producer's mills, or through the local Stone Contractor or Mason-builder. The Indiana Limestone Quarrymen's Association has nothing to do with the sale of the product but will at all times be pleased to put prospective users in touch with the concerns who can promptly serve their requirements.

Service to the Home Builder

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INDIANA LIMESTONE
Home Builders Service Department

QUARRYMEN'S ASSOCIATION
P. O. Box 401, Bedford, Indiana

Folder 15

Designs for
INDIANA
LIMESTONE
Homes

The English Country House Design No. 215

Center reception hall plan with an informal exterior based upon an old English style

THE design illustrated by this folder shows a house of refinement, plain but not severe, rich but not ostentatious or extravagant. The bay windows overlooking the low terrace proclaim bright comfortable rooms within and denote a home of cheerfulness. The terrace does not shut off the direct sunlight from the downstairs rooms and is a delightful place to enjoy the evening outdoor. It is covered with grass, except for the walk of irregular shape flags of limestone that leads across it to front entrance.

The side porch is reached through a French window in the living room. It is large and has a low overhanging roof making it shady and cool, a delightful haven on a hot summer day. This porch also serves as an automobile entrance, an ideal place to enter from the car as it is but a few steps to driveway, situated at back side of the house.

Being about sixty-three feet over all across the front, this house would require a lot around 100'0" wide, if placed facing the street, but being placed endways on the lot, a width of eighty feet is very ample, as it could very satisfactorily be built on a corner lot having 5'0" or 10'0" less frontage. The plot plan shows the house placed endways on an 80'0" wide corner lot and while the perspective also shows this design on a corner lot, with the front of the house facing the side street, it would be equally suitable for an interior lot of similar width.

The two deep bay windows would enable the occupants to get a good view of front street in either case. The plot plan shows a little more elaborate treatment than most of the houses in this series but this is quite appropriate to this design.

Back of the house in the rear corner of lot, a two-car garage is shown, with service yard in front, reached by a driveway from the front street along the rear side of house. The service yard is separated from the garden by a lattice fence extending back from house to rear property line, in the center of which there is a pergola with seats, overlooking the flower garden. This little garden located at the rear of lot, is a delightful feature of the plan. There are four large beds for perennial flowers, and as a terminal feature opposite to the pergola, a limestone sun dial and seats set in a clump of shrubbery, partly shielding the garden from view from the side street. This flower garden is so located that it can be seen from the living room bay window, as well as from terrace and dining room which adjoin it.

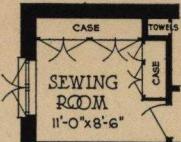
Along the back property line, except where garage is placed, there is a planting of tall shrubbery and trees. There is also a planting of shrubbery along the side property line towards front street, giving the effect of privacy without obstructing the view, and a planting of quite low shrubbery with iris and other perennials around the terrace walls.

Style of House,
exterior Features,
Plot Plan, etc.

Size of Lot
Required:
75'0" or 80'0"
wide by any
suitable depth

Cubic Volume:
48,500 cu. ft.
from cellar floor
to roof line,
including an
allowance for
porch

THE
NATION'S
BUILDING
STONE



ALTERNATE SCHEME SUBSTITUTING ~
SEWING ROOM FOR MAID'S ROOM

Design No. 215. Size: Width 63' 0" including porch, plus several feet extra for kitchen entrance steps, by an over all depth of 32' 0", not including terrace. The plan is such that a rear porch is unnecessary. Note especially the convenient arrangement of kitchen for service to both dining room and breakfast alcove, also the cheerful aspect of the large bay windows in living and dining rooms, giving these rooms an outlook to both front and rear. The second bathroom is so arranged that it can practically be set aside for use of maid, without preventing its use by family as an auxiliary to main bathroom.

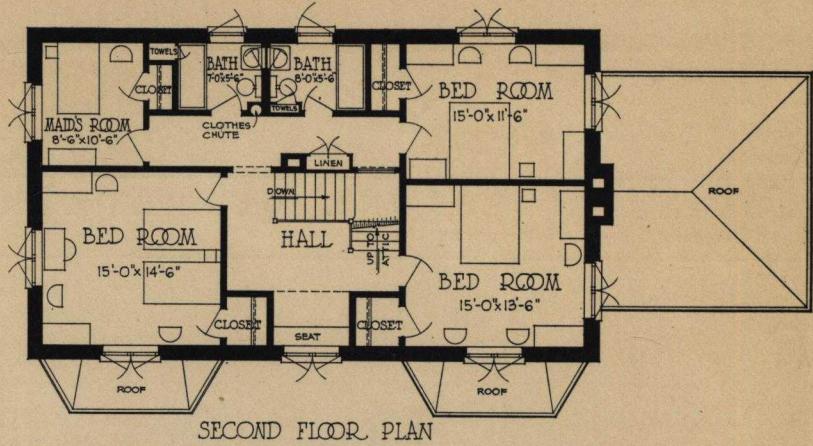
In the basement there is a well lighted laundry with tubs and laundry stove, a furnace room with hot water heater, coal cellar, work shop and storage cellar. The basement extends under entire house except under porch.

An ideal place in which to store vegetables could be obtained by excavating the space under the porch, with a small doorway into it from the main cellar. There is, of course, no occasion to excavate under the terrace which is filled in with earth and sodded.

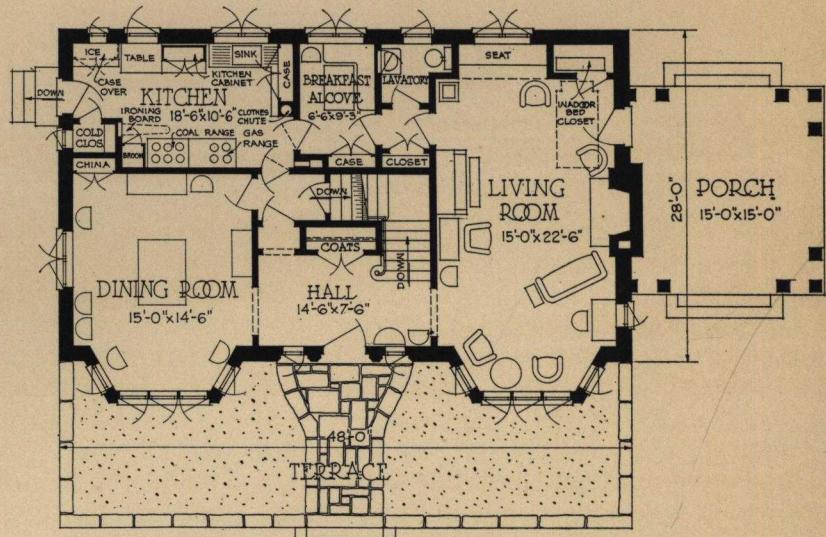
The sturdy simplicity of the Limestone exterior give to this house a most homelike appearance.

The design best suited for a lot that faces west or for lot that faces north and with plan reversed for a lot that faces south or east

Floor Plans
and Their
Arrangement



SECOND FLOOR PLAN



FIRST FLOOR PLAN

The front door opens right into the entrance hall without a vestibule. This hall, which extends across the front between the dining room and living room is really large enough to be called a reception hall. From this hall the stairs lead to the floor above. There is also a doorway leading directly to the kitchen. A spacious wardrobe closet for coats is placed in the paneling in front of the stairs, opposite the front door.

The large living room, 15'0"x22'6", takes up one whole end of the house and is lighted by windows on three sides. At the front is the roomy bay window where three or four can sit on a sunny winter's afternoon. The fireplace is in the center of the long outside wall, with enough space around it to allow the grouping of chairs to enjoy its cheer. The chimney breast is set flush with the inside of wall, and fireplace has a simple limestone man-

tel of Queen Ann or early Georgian period, without overmantel. At the back end of living room is one of those comfortable window seats and beside it is a closet built large enough to contain a disappearing bed, if desired; otherwise it would serve as a storage place for porch pillows, children's toys, etc.

The dining room, practically square in shape, is on the opposite front corner of the house. Its bay window sheds abundant light and there is also a double casement window overlooking the flower garden at rear. There is plenty of wall space for all of the sideboards and other furniture that would be used, and in one corner there is a built-in china closet with glazed doors. The door to kitchen opens into the passage at head of basement stair, which serves as a vestibule, placing two doors between kitchen and dining room without adding many steps.



DESIGN No. 215

© I. L. Q. A.

This convenient and popular breakfast room which is equally convenient to living room, is lighted by a double casement window and has a cupboard for dishes, etc. Between this alcove and living room there is a short passage, on one side of which is a closet, a good place for children's wraps, and on the other is the downstairs lavatory, secluded and convenient to both living room and kitchen.

The pantry kitchen is one that will delight any housewife by its convenient arrangement. It contains all necessary equipment, not crowded but compactly planned with no waste space. There are several cases and storage cupboards, and a double-drainboard sink and space for table, both conveniently under windows; space for two ranges, only one of which may be required depending on local conditions. Near the rear entrance there is a cold closet, and on opposite side, the refrigerator, the latter with a small door for outside icing. Swinging doors open from the kitchen to both dining room entry and to the breakfast alcove which adjoins it.

On the second floor the central stair hall is quite spacious in effect. It is lighted by a window looking out over the main entrance with a wide, comfortable seat underneath. There are three good sized bedrooms and one smaller room suitable for a maid's, or, as shown by alternate plan, for a sewing room, and two bathrooms. One large bedroom and one slightly less in size are in the front of the house and a third of good size, occupies another corner. All three have windows on two sides providing plenty of light and good ventilation. All the bedrooms have large clothes closets and plenty of wall space for the placing of furniture. The small back room indicated on the plan as the maid's room, and shown by alternate plan as a sewing room, is fitted with wall cases, as to provide proper storage for the things that go with such a room.

The two bathrooms placed side by side are convenient to all the bedrooms. Each has its own medicine cabinet and towel cupboard. The main linen closet and the clothes chute to the laundry in the basement, are in the rear hall close to bathrooms.

English
Country House:
Seven Rooms,
Reception Hall,
Breakfast Alcove,
two Baths and
Porch

Alternative Floor
Plan Arrangement

INDIANA
LIMESTONE
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color Scheme
of Limestone Walls
and other
Exterior Finish

The attic is intended to be left unfinished except for the rough flooring which it requires as a storage space for trunks and boxes, etc. It is shut off entirely from second floor by a door on the landing of stairs just a few steps above second floor. With more dormer windows in the roof, two or three good rooms could be located in attic.

The exterior walls of this house are shown built of the rough-sawed-four-side-quarry-run INDIANA LIMESTONE laid up in courses of several different heights and of random lengths, being somewhat like walls of house design No. 214, excepting that fewer course heights are used. The stone for this work is obtained from the quarry producers in the several unit sections required and then requires no further treatment, except to be cut to length by the masons at the building.

It will be noticed that the same height of stone ashlar is maintained for each course all around the building, while the heights of the different courses are varied considerably by the use of three or four units. Built in this manner, the walls will present a most attractive appearance, with the delightful play of color-tones found in the quarry-run stone, gray, blue - gray, buff and brown - buff, all blended together into a soft warm gray.

Excepting the main entrance feature, the window sills and lintels, the front terrace coping and steps which are of cut stone, all of the work is built of the rough-sawed-quarry-run material, as the quoins at sides of windows would be produced by the masons. The items of cut Limestone required would, of course, have to be obtained from the local cut-stone yard. If desired, the porch piers shown as square wood posts, could also be built of sawed Limestone.

The roofs may be of slate, tile, or wood shingles.

If of slate, that pale, unfading green would be very attractive; if of tile, a dull red or reddish brown with some purple tints in it would be best; if of wood shingles, only large split cedar shingles should be used, stained a dull sage green, or if preferred, a Venetian red.

The color for the woodwork of exterior will naturally be dependent on the preference of the owner and the type of roof used and could be either stain or paint. Brown, warm but not intense in color, dull green, or gray, would be very suitable for the frames, the rafter ends and trim of cornice, and dormers. The window sash could be either painted the same shade as frames or, if preferred, be painted a light buff or cream white, or a light shade of green or gray. The front door should be of oak or ash, finished in a color to harmonize with the other woodwork.

The side porch should be paved with Limestone or with a combination of limestone slabs and red quarry tile.

In this design we present a delightful permanent home for the American family of moderate means, desiring to provide against the uncertainty of help, by planning a convenient home, without service quarters. A home that can, if necessary, be taken care of largely by the housewife herself, without depending too much upon the incompetent or intermittent assistance that may be available.

This house is one that would never deteriorate or become shabby. With a good roof there is nothing on the interior to require attention and repair excepting the occasional repainting of the window frames. A careful study of the plans will reveal the convenience of this arrangement and its adaptability to cultured, modern American suburban living conditions. Built of INDIANA LIMESTONE it would age beautifully, always prove a good investment and never be out of style.

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INDIANA LIMESTONE
Home Builders Service Department

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
P. O. Box 401, Bedford, Indiana

Folder 16

Designs for
INDIANA
LIMESTONE
Homes

The American Suburban Home Design No. 216

With Laundry and Garage attached at rear

A modern version of the Pennsylvania Center-hall Colonial plan, placed endways on an interior lot

THE stone colonial house has always retained its prestige in certain sections of the East, notably in Eastern Pennsylvania, Southeastern New York and in parts of New Jersey, Rhode Island, Connecticut and Maryland. Few other types of homes are so logical as an American home, or can equal it in dignified simplicity. It is a type equally suited to the closely built up city suburb, or the more open and rural suburban town, and is a type that never goes out of style. Its prototype was doubtless the typical Pennsylvania farmhouse to which it still bears a marked relationship.

Many of the old colonial houses like this design were built with the end to the main street or road, either facing a side street, or on an interior lot. The bay windows in lower story remove the only objection to placing the house on lot in this manner, as they give a direct view, both front and back, from the two principal rooms. This house can thus be placed on the usual 50'0" suburban lot without the appearance of crowding, a decided advantage in these days of high land values. Therefore the plot plan shows the house placed endways on a 50'0" wide lot having a depth of 150'0". The space at left side of house is taken up by the driveway except that a narrow bed for vines is provided along the foundation. The driveway leads back to service yard which provides turning space for car entering or leaving garage.

This design shows an entirely new layout of the ever popular and noteworthy center hall plan, based on our modern ideas of convenience in planning and arrangement of rooms.

A delightful innovation and touch of the picturesque, not customary in colonial house designs, is the stone piers at entrance walk supporting a trellis for clematis or rambler roses. Passing along the walk under this gateway and up the steps to terrace, the house is entered through a wide colonial doorway with side lights, which opens into the wide hall extending through to back of house. In this hall there is the usual open stairway with slender turned balusters and handrail with curving ramps to newel posts. The stair treads and hand rail are of birch, or other hardwood, stained a mahogany color and the remainder of stairway along with the trim of hall, painted white. At back, the hall terminates in a narrow passage leading under stair landing, to the door which serves both as a kitchen entrance and as an entrance from the automobile driveway.

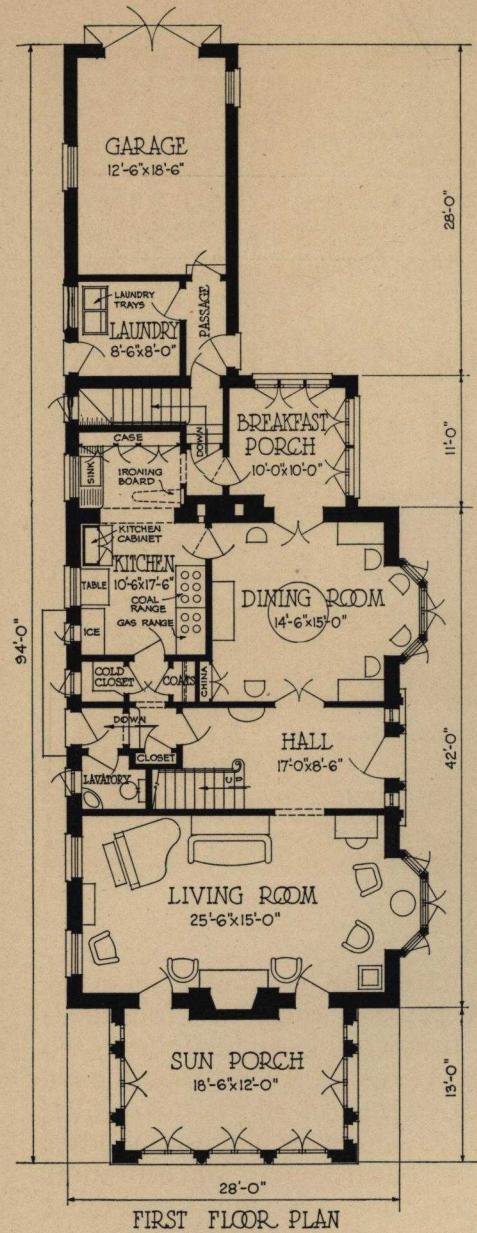
Along the front side of house there is a low terrace partly paved with a walk of limestone flags, with stepping stones set in lawn leading from the end of this walk at house entrance, to the rustic stone steps at corner of the old fashioned flower garden in back of terrace on a lower level. The side entrance also opens onto this charming little flower garden.

Style of House,
Exterior Features
and Entrance Hall

Size of Lot
Required:
50'0" wide by
150'0" deep

Cubic Volume:
56,100 cu. ft.
from cellar floor
to roof line,
including Garage
and an allowance
for porch

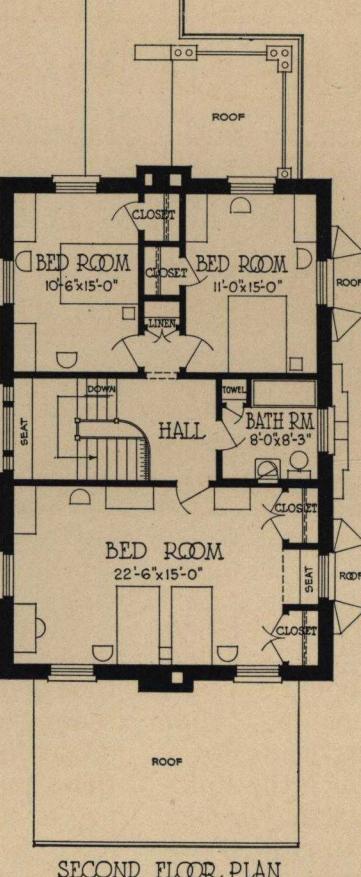
This design best suited for a lot that faces west or south, and with plan reversed for a lot that faces east or north



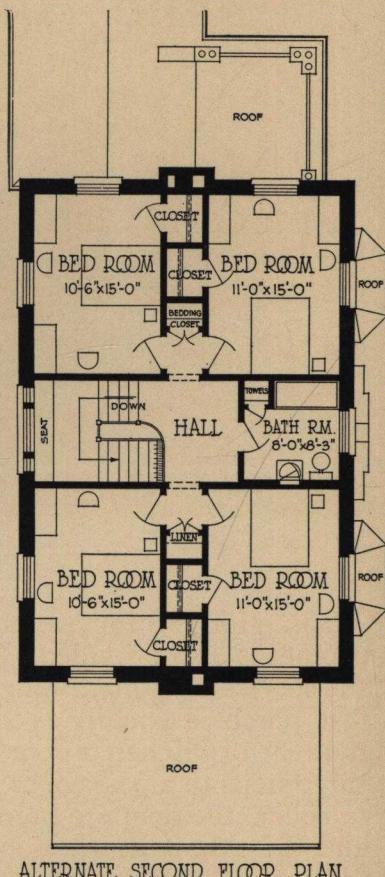
FIRST FLOOR PLAN

Design No. 216. Size: Width 31' 0" including bay windows, by an over-all depth of 94' 0". Very few houses with such roomy interiors can so satisfactorily be placed on a 50' 0" wide lot.

The manner in which the laundry and garage are attached to house and the general arrangement of the kitchen in relation to both dining room and breakfast porch and to rear entrances are unique features of this design. There is a cellar under the entire main portion of house, except the spaces under sun porch, laundry and garage which are not excavated.



SECOND FLOOR PLAN



ALTERNATE SECOND FLOOR PLAN

Floor Plans
and Their
Arrangement

To the left of main hall is the large living room, 15'0" x 25'6", lighted by windows on the two ends and by glazed doors on the long side. In the center of this long outside wall the fireplace is located. This has a very simple facing and hearth of INDIANA LIMESTONE with a colonial mantel of white painted wood. Flanking the mantel, two glazed French doors lead out onto sun porch which is fully enclosed with sash glazed for their entire height. All of the sash are hung on hinges so that the porch can be fully opened right down to the floor in summer time. This delightful sun room, when house is lighted up at night, would give a most cheerful and inviting aspect.

The dining room is on the opposite side of hall and opens through double French doors onto an enclosed breakfast porch, overlooking a little old fashioned flower garden. The dining room thus has light on two sides. In one corner there is a china closet with mirror doors and in opposite corner the door to kitchen.

The kitchen is a model of convenient arrangement, one end of it being an alcove-pantry containing the sink with double drainboards and a long counter with cupboards underneath and china cases above.

The refrigerator is at the other end of kitchen and is fitted with an outside icing door and above this there are more cases for kitchen utensils, etc.



DESIGN No. 216

© I. L. Q. A.

Colonial House:
Six or Seven
Rooms and Bath,
Sun and Breakfast
Porches, Laundry
and Garage

Space for two ranges, table and kitchen cabinet is also provided. It will be noted the service to either dining room or breakfast porch is equally convenient. From the rear of kitchen a doorway leads down three steps to a passage in which the stairs to cellar, the doors to laundry and garage and the side entrance door to garden are located. Thus it will be seen that one can enter the house from garage or from garden through breakfast porch, without passing through the kitchen, also that kitchen may be entered from driveway or from service yard, either through the laundry or through the garage.

At rear of main hall under the stair landing, the downstairs toilet is located; in the passage just in front of this there is a closet, and in a sort of vestibule to kitchen, just off this passage, the main coat closet and the cold closet are located.

Two alternate plans are shown for the second floor, one with a very large front bedroom taking up the entire space above living room, with two good sized bedrooms at rear, and a large bathroom taking up the front end of the space over hall.

The alternate plan is similar in every respect, except that there are four bedrooms, the front being divided into two rooms, same as rear. All bedrooms have deep clothes closets, in addition to which there is a linen closet in hall and a closet for towels in bathroom. All bedrooms have windows on two sides, providing plenty of light and cross ventilation.

The walls of this house are somewhat different from any other house in this series, as they are built of the sawed-quarry-run INDIANA LIMESTONE laid up in quite low courses with blocks of varying length, in the so-called "range" work, just like the old stone walls of the early Pennsylvania farmhouses. These walls are left in their natural state showing the varying color-tones of the quarry-run limestone.

There is no cut stone work in this house, excepting the window sills; all of the wall work, including piers and chimneys, being of the rough-quarry-run stone; the cornices, including both main and porch cornices and the trim of porch and entrance and all other trim being of wood.

The rough-sawed
Limestone Walls

Alternative Floor
Plan Arrangement

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
NATION'S
BUILDING
STONE

Color Scheme of
Exterior Finish

The new
Portfolio of
House Designs
which all
home builders
should obtain

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Volume 5
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The roof is of ordinary blue or grey green slate. The shutter blinds at second story windows are painted an olive or a blackish green. The remainder of the exterior woodwork, including main entrance feature, bay window frames, the main cornice and shingled sides of dormer windows and all of the porch, excepting the corner piers which are of stone, is intended to be painted a light colonial buff, ivory white or other appropriate light color, with just sufficient contrast to the color-tones of the lime stone walls.

The little flower garden is a delightful feature. It is traversed by diagonal paths and in center there is a limestone bird bath or pedestal for crystal gazing globe. This garden is enclosed by a lattice fence painted white, in back of which there is space for a children's play lawn or small vegetable garden.

Very little shrubbery is needed to make the layout complete, the final effect of greenery being dependent upon the planting of English ivy or other vines around the foundation of the house, and the planting of rambler roses or other suitable climber on the lattice fence around the flower garden.

This folder illustrates one of a Series of Moderate Cost House Designs prepared to show prospective Home-builders the artistic possibilities that are afforded by the use of INDIANA LIMESTONE facing for the walls of small and moderate size residences.

A small charge will be made for this portfolio to cover the cost of printing only. *See order blank enclosed herewith.*

An interesting booklet, Volume 1 of the INDIANA LIMESTONE LIBRARY, which fully describes the stone and its structural qualities, will be sent free upon receipt of postal request.

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There is a quite roomy attic lighted by dormer windows over the entire second floor, which is left unfinished for use only as a storage space for trunks, boxes, etc., reached by a folding, disappearing stair, built into a panel in the ceiling of second story hall. But the plan is such that a permanent stair, built over the main stair, could easily be substituted in case it was desired to finish up the attic with two additional bedrooms and bath room.

There is a cellar under the main central portion of house and under the breakfast porch and kitchen portion back to laundry. Space under laundry and garage and under front porch is not excavated.

It is thought that this is one of the most typically American and appropriate fair sized homes in the entire series, and that the design is one that will meet with the instant approval of intending home builders on account of its many advantages. One needs only to view some of the fine, old stone houses in the eastern sections of the country previously mentioned, to appreciate the permanent beauty and usefulness and ready sale value of such a home when built for all time of INDIANA LIMESTONE.

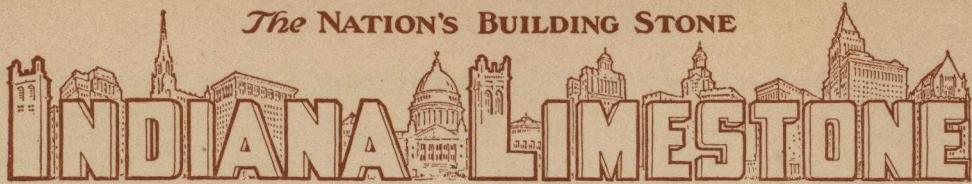
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Service to the Home Builder

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Address P. O. Box 401, BEDFORD, INDIANA.

The Nation's Building Stone



INDIANA LIMESTONE COMPANY

Executive Offices: Tribune Tower, Chicago, Ill.

Home Builders' Branch of SERVICE BUREAU, P.O. Box 401, Bedford, Indiana

Folder 17

*Designs for
INDIANA
LIMESTONE
Homes*

The Second American Suburban House Design No. 217

A Compact Plan for 50'0" Lot, Arranged to Receive
Principal Light from Front and Rear Windows

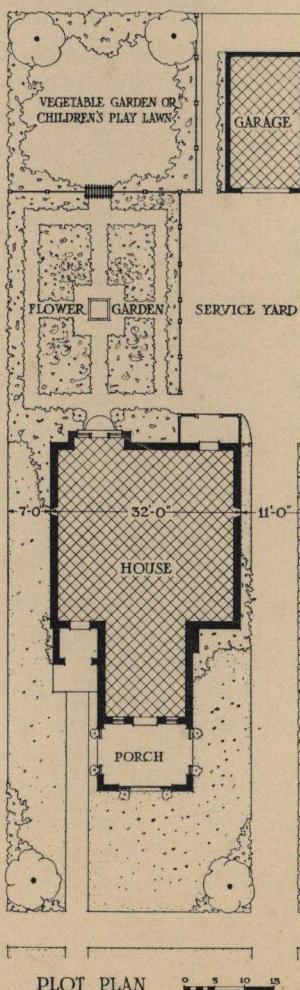
THIS house design is not closely allied to any particular style period, it is just a plain, sensible LIMESTONE faced house, planned for comfort and convenience rather than exterior show. The floor plans are unique in the arrangement of rooms and are especially adapted to modern living requirements.

The main porch, partly enclosed by wood lattice for vines, is separate from the entrance and is really just an outdoor extension of the living room which opens onto it. Every room in this house, with the exception of bathroom, has windows on at least two sides, assuring good light and ventilation. The windows throughout are English cottage casements, arranged mostly in pairs excepting at ends of dining and living rooms where they extend down to floor in the form of full length casements. All rooms are of good size and shape and are planned with ample wall space for the proper arrangement of furniture.

The exterior has a low, rambling, homey appearance, although the house is particularly compact in arrangement with practically no hall space in lower story.

The broad expanse of vari-colored tile roof and the freedom from ornamental detail along with the interesting color-tone of the rough limestone walls would make this design a most interesting one and especially suited to a locality where trees abound, or in a suburb where the other houses of brick, frame or stucco were strong in color. It is also a house that could be built quite close to the street line without loss of privacy, as the rooms are set well back from the front of house; even the front end of living room is protected by the porch.

This house is intended for a 50'0" lot but it could readily be placed on a 40'0" lot, if space for a driveway to garage was not required along side of house.



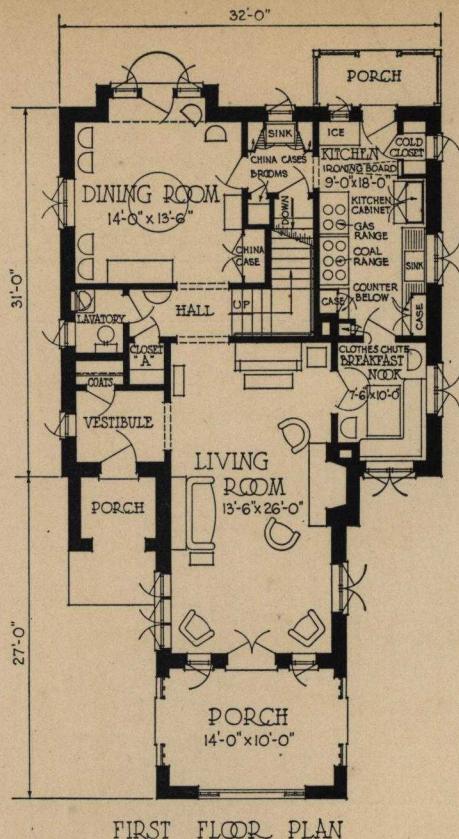
**Style of House,
and its Exterior**

**Size of Lot
Required:
50'0" wide by
any suitable
depth**

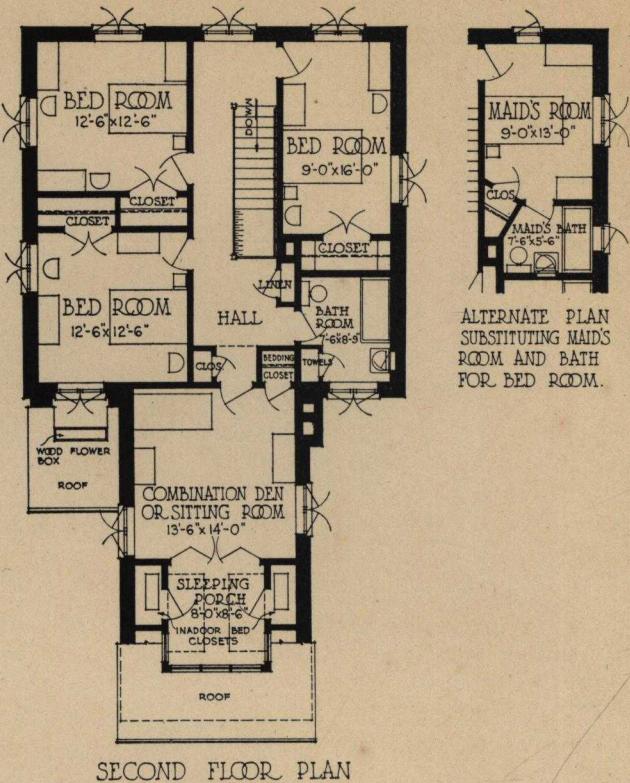
**Cubic Volume:
45,600 cu. ft.
from cellar floor
to roof line,
including an
allowance for
porch**

THE
NATION'S
BUILDING
STONE

This design best suited for a lot that faces east or south, and with plan reversed for a lot that faces west or north



FIRST FLOOR PLAN



SECOND FLOOR PLAN

ALTERNATE PLAN
SUBSTITUTING MAID'S
ROOM AND BATH
FOR BED ROOM.

Floor Plans
and Their
Arrangement

The house is entered through an open porch finished inside with stone like exterior walls. Opening from this is the vestibule which is really a small, square hall separated from living room by a cased opening intended for portieres. In this vestibule-hall there is a large coat closet and just around the corner from this, another coat closet marked "A," which could have its door placed on either side or in living room as desired; or this closet could be omitted leaving this space as an open passage between the vestibule and stair hall.

The living room is quite large, 13'6" x 26'0" and has windows on three sides, the rear end being well lighted by the windows in vestibule and in breakfast alcove which opens into this room. There is a large fireplace in the center of the long wall with a LIMESTONE mantel and chimney breast of a fairly plain French Gothic design.

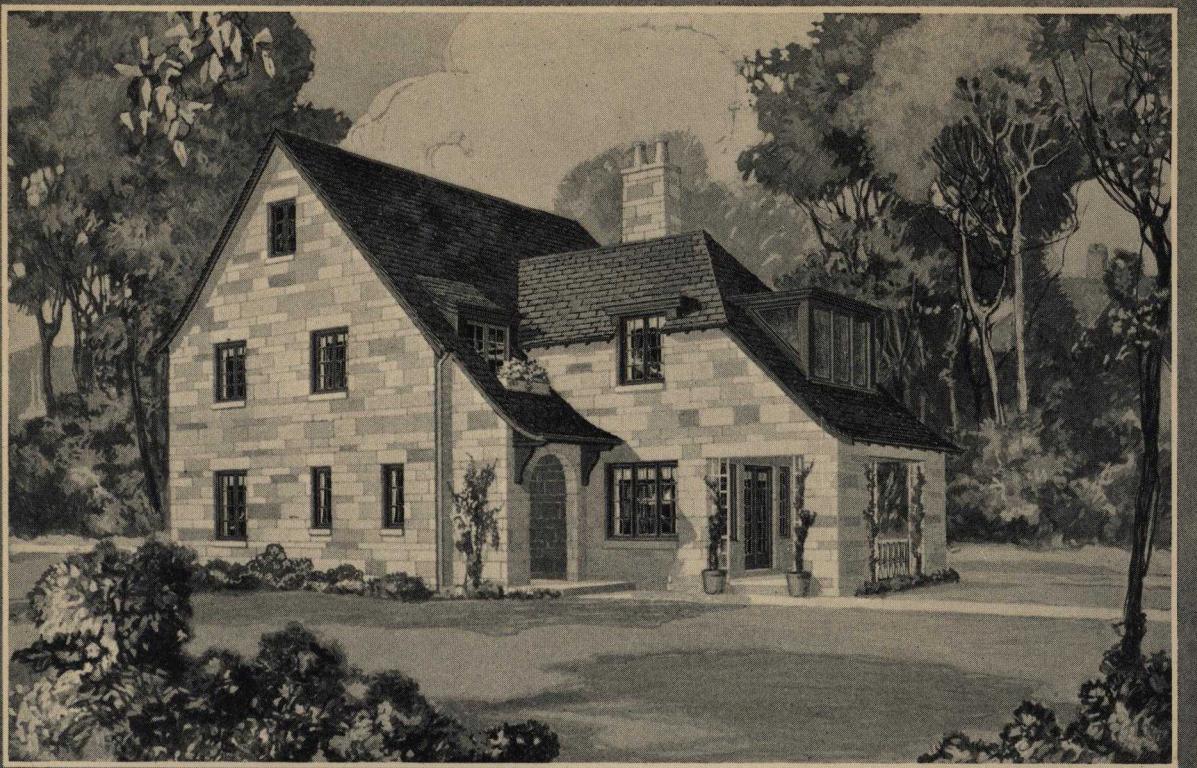
The delightful breakfast nook, which is really an alcove off the living room, is connected to it by folding French door. This alcove has a deep window overlooking the front street and is large enough to be used for most of the family meals.

Across the stair hall from living room, in the back of house, is the dining room, overlooking the flower garden at rear and opening onto it by a glazed French door set between casement side windows. There is a large china closet in dining room and a broom closet in adjoining pantry.

The well planned kitchen is arranged for direct service to breakfast nook and through a small serving pantry to dining room. The door to cellar stairs is in this pantry, equally convenient to the main downstairs rooms and to kitchen entrance. In rear of kitchen there is a good sized cold closet and space for a refrigerator with door for outside icing on back porch.

The stair hall is little more than an ample width passage between living and dining rooms with the stairs to second floor at one end and the downstairs toilet at the other end.

The arrangement of the second floor plan is equally unique. The principal feature that lays claim to distinction is the combination den or sitting room and sleeping porch. This is a room with an alcove opening from it in which the beds are placed. These beds, if of the folding closet type, can be quickly put out of the



DESIGN No. 217

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Suburban House:
Seven Rooms,
Breakfast Alcove,
Bath and Porches

way, converting it into a bay window alcove, thus giving the sitting room windows on three sides. This front room could very well be used as a main bed room, if the family was large enough to require it, as it has two good closets.

In addition to this there are two good sized bedrooms and another bedroom a little smaller in size that could be utilized as a maid's room, the door to this room being arranged at head of stairs. The alternate plan shows how a maid's bath could also be installed and connected to the plumbing of main bath. The main bath, convenient to all bed rooms, is an exceptionally large and well lighted bath.

There is an attic, usable for storage purposes over the rear part only, the front wing of the house being kept low for the sake of appearance. This attic left unfinished, is reached by a folding stair built into a panel in the ceiling of second story hall.

If desired, the front porch could readily be enclosed with full length glazed sash, converting it into a sunroom.

The walls of this house, including the inside of downstairs porches, are faced with either the rough sawed Rustic Buff or **Old Gothic** INDIANA LIMESTONE, the stone being sawed up into strips in a manner that will give an extra rough texture or finish to the surface. This is laid up in a variation of range or block-in-course work, using several heights of stone units in courses of even height all around the building. There is no cut stone in this house other than the door and window sills and the long sawed stone lintels at openings to porch and at living room; the arch at entrance porch and small lintels being cut on the job from the random rough-sawed stock, by the masons. These walls would have all the varying color-tones of light gray and buff to brown with the crystalline spots that are peculiar to this grade of INDIANA LIMESTONE.

The roof is intended to be of a large size, dull reddish-brown shingle tile of varying color, laid in an irregular manner over a layer of two-ply tar felt, or it could be of wood shingles stained a similar color.

Color Scheme
of Limestone
Walls and other
Exterior Finish

INDIANA
LIMESTONE
will assure a
home of permanent
beauty and the
highest sale value

The rails and lattice at front and rear porches and the panelled front door are painted an ivory white and the remainder of the exterior woodwork, including door and window frames, cornices, dormer windows, etc., is painted a dark green, almost black in effect; the large front dormer at sleeping porch being slightly lighter in tone and having bronze wire screens, adding a color note that makes it blend with the color of roof tile. Additional touches of color are given by the buff tile chimney pots and the zinc covered flower box set in roof over entrance porch where it forms a rail to the balcony at bedroom windows.

The plot plan shows the house as set fairly well back from street on a 50'0" wide lot. Except for a little shrubbery planting at the front corner of lot, the space around front of house is left as lawn. The driveway passes along the right or service side of house to service yard and garage in back of kitchen.

In back of the dining room there is a delightful formal flower garden enclosed

on two sides by a lattice fence of medium height with a small pool in center and a lych gate at rear opening onto the space set aside for play lawn or vegetable garden. If utilized as a play lawn as shown, there would be a planting of shrubbery all around this space. The space at rear of service yard is quite large enough for a two-car garage, if desired, without altering the garden arrangement.

One can easily picture the convenience and charm of this modest LIMESTONE house and how admirably it would be adapted to the average American family of moderate means. There is nothing to deteriorate about the exterior, so the cost of upkeep would be the minimum.

This plan has the advantage that it would fit so well on the average width suburban lot and adapt itself to so many different conditions of site. It could be used either on a flat or hillside site with good effect. Built of INDIANA LIMESTONE as described herein, it would always be a good investment, easily rented or sold at a profitable figure.



INDIANA LIMESTONE COMPANY

Executive Offices: Tribune Tower, Chicago, Ill.

Home Builders' Branch of SERVICE BUREAU P.O. Box 401, Bedford, Indiana

*Designs for
INDIANA
LIMESTONE
Homes*

The Modern Bungalow—Design No. 218

With Attached Garage

A convenient and distinctive modern home planned all on one floor like an apartment, having flexible sleeping accommodations.

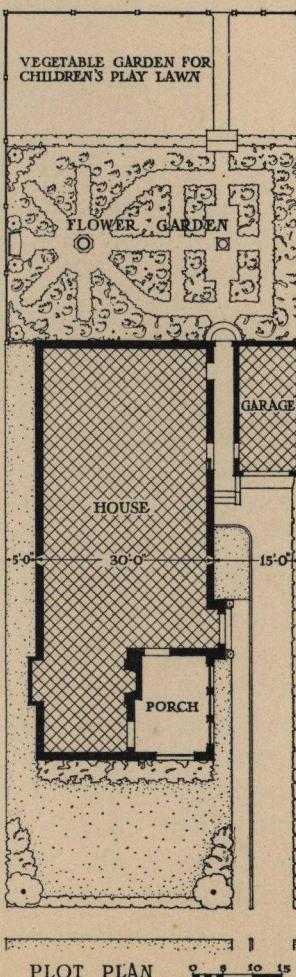
THIS design shows a home that does not look like the average bungalow, but more like a story and a half house, which in fact it is, as there is a finished stair leading up to a long, roomy unfinished attic that could be utilized for several additional rooms, or in a home where there were children, serve as a fine, large playroom. Without being designed in any particular style or period, there is a distinctive character to this house, which gives it an individuality and style of its own.

This house is unique in several other respects, such as the manner in which garage is attached in a gabled wing at rear, with a covered passage between it and the house, and in that both living and dining room are provided with in-a-door bed closets enabling both of these rooms to be utilized as extra bedrooms for the accommodation of guests when the occasion requires it. This is always a great advantage in a house having only two bedrooms. Furthermore, since there is a good size dining alcove, the dining

room could be regularly used as a bedroom, making this bungalow unusually flexible in bedroom accommodations. The attaching of garage enables it to be heated by a radiator connected to the heating system of house which is another advantage.

The exterior has a dignified appearance so often lacking in bungalow design and the long, low, but not squat, effect gives it the comfortable, homelike appearance that is always so desirable.

This house is intended to be built on the usual 50'0" wide lot and the plot plan therefore, shows it placed on such a lot. So placed it requires very little shrubbery or landscape work. The plan shows a little shrubbery along the front of house and at front corners of property. In back of the house the space is shown laid out as a formal flower garden, with a limestone seat, a well head or bird bath and a sun dial, placed at the focal points on the central axis. Opposite to the steps at end of covered passage, there is an arbor gateway leading to the vegetable garden or play lawn at rear of property.



*Style of House,
Convenience of
the Plan and
Other Features*

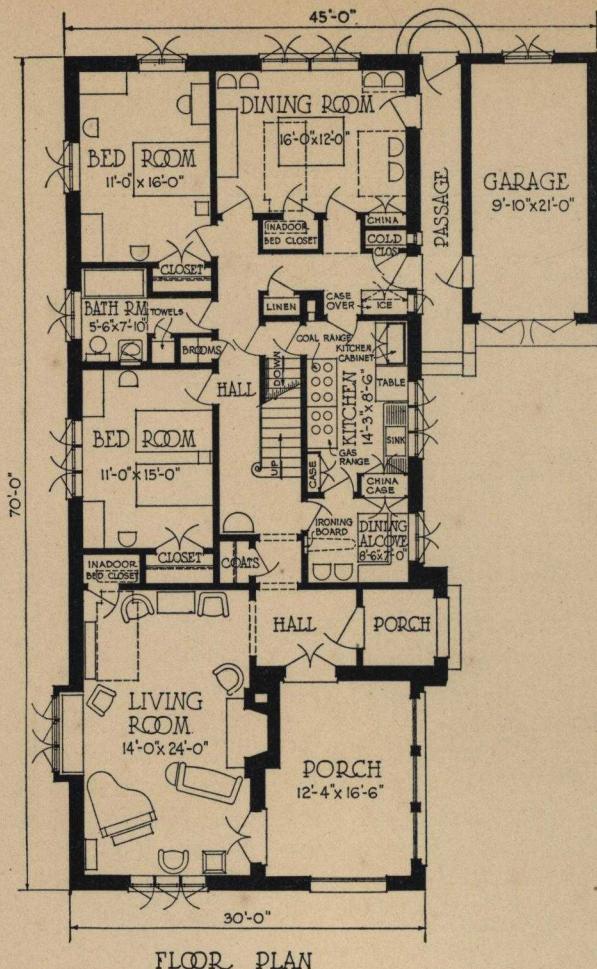
*Size of Lot
Required:
50'0" wide by
any suitable
depth*

*Cubic Volume:
59,100 cu. ft.
from cellar floor
to roof line,
including Porch
and Garage*

The design best suited for a lot that faces east or south and with plan reversed for a lot that faces west or north

Floor Plans
and Their
Arrangement

See first page for
further description
of this house, size
of lot and its
location, terraces
and exterior features



The entrance is on the side from driveway, through an open vestibule or entry porch, which is finished on the inside with rough, sand finish, yellow tinted plaster.

This vestibule opens onto a square hall leading to living room and connecting with the interior hall containing the stair, and onto which all other rooms open. The bedrooms, bath and kitchen are, therefore, well separated from front entrance giving the house a desirable privacy so often lacking in bungalow plans.

The living room 14'0"x24'0" has windows on three sides and a large, somewhat primitive design fireplace faced with grey INDIANA LIMESTONE, the chimney brest being set flush in the middle of long wall. There is no mantel, strictly speaking, but just the limestone facing built into the wall, with a narrow shelf but no overmantel above same. The fireplace lining and hearth is of a buff-brown fire brick.

There is a good sized coat closet in the passage to interior hall. On entering this interior hall one faces the stair leading up to attic story. To the right is the roomy, dining alcove which adjoins the compactly planned pantry-kitchen. At rear of kitchen, across rear entry hall is the dining room. There is a china closet in dining room and as previously mentioned, an in-a-door bed closet. This room is so well shut off from the remainder of house that it could be used as a library or sitting room reserving the living room as a drawing room for entertaining and evening use.

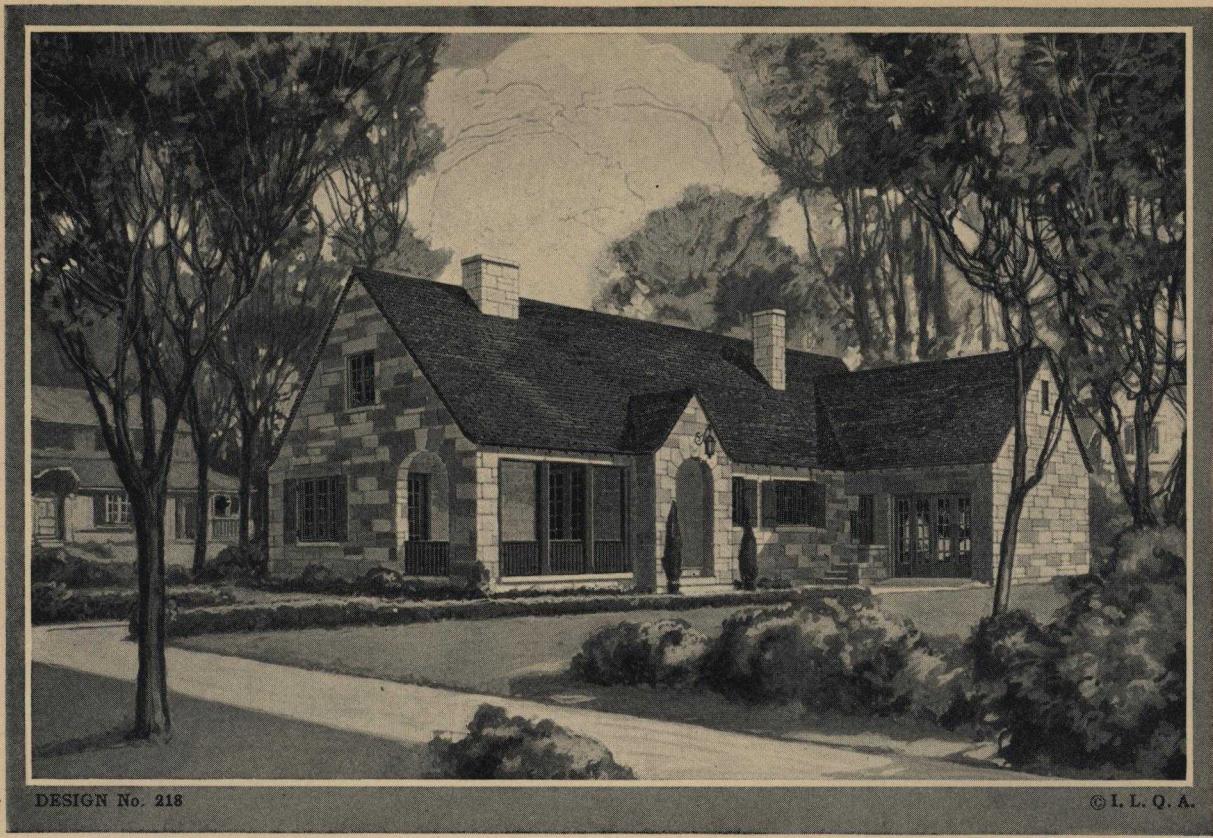
In the hallway just outside of dining room, the cold closet and refrigerator are located. This hallway leads to rear entrance in the covered passage, which serves as a kitchen entrance, garage entrance, and to connect both the front or side yard and rear entrance, with the charming, formal English flower garden in back of house.

There are two large bedrooms and a bath opening from interior hall, both bedrooms are large enough for twin beds and both with large wardrobe closets. There is also a broom closet and a linen closet in hall.

If the attic over main part of house were utilized either for additional bedroom accommodation or for playroom, there would still be storage space for trunks, etc. in the low attic space over garage wing.

It would not be necessary to excavate a cellar under the entire house, the space under garage and passage would not be excavated and the space under porch front hall and living room would need to be excavated only a couple feet to provide space for heating pipes, the cellar extending under the remainder of house.

The inside of porch, which adjoins the living room, is intended to be faced with stone like the exterior walls, but if desired, this could be fully enclosed with glass sash, converting it into a sun room and be finished on inside with either rough or smooth finish plaster, as desired.



DESIGN No. 218

© I. L. Q. A.

The walls of this house are built of the rough-sawed Variegated INDIANA LIMESTONE laid up in a "Block-in-course" ashlar, with two stones spotted in here and there to the height of course giving to the wall an interesting effect somewhat like a Random Ashlar but more regular in appearance. There is no cut stone in this house, excepting the window sills, as all of the lintels and arch stones could be cut from the rough sawed stock by the masons. The two posts at porch could, if desired, also be built of sawed limestone at a little extra cost. The windows throughout are English cottage casement windows with solid battened shutters.

The roof is intended to be of irregularly laid rough wood shingles, stained a medium-toned olive green, or of rough edge asbestos shingles of that color, laid in similar manner.

All of the exterior woodwork, including porch posts and rails, is intended to be painted a sage, or grey green, or if preferred, this woodwork could be painted a

rich, medium toned buff brown, with the shutters just a shade or two lighter or darker in tone than the frames and sash, for the sake of contrast. The wrought iron lantern, over entrance, is also painted to match, or this could be a bright Venetian red, in order to provide a spot of color interest at this point.

In this design it is felt that an entirely new and distinctly appropriate type of bungalow plan is presented, with an exterior of rough-sawed INDIANA LIMESTONE, designed in the simplest manner without any ornamental detail of any sort, giving to this stone house, a decidedly homelike appearance. A careful study of the plans will be convincing proof of the practical merit of this sturdy looking home. No other material would be so appropriate for the exterior of a house of that character, as INDIANA LIMESTONE, which can be permanently depended upon to weather in a most interesting manner, reducing to a minimum, the exterior upkeep expense of such a home.

**Bungalow:
Five Rooms,
Dining Alcove,
Enclosed Porch,
Bath and
Garage**

**Color Scheme
of Limestone Walls
and other
Exterior Finish**

**INDIANA
LIMESTONE**
will assure a
home of permanent
beauty and the
highest sale value

THE
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Anyone who is interested especially in stone bungalows, should send to the Home Builders' Branch of Service Bureau for the copies of bungalow design sheets that are now available, which will be mailed free of cost to anyone desiring them, upon receipt of postal request.

These show the exterior views and floor plans of attractive, low-cost bungalows that have been built of

INDIANA LIMESTONE
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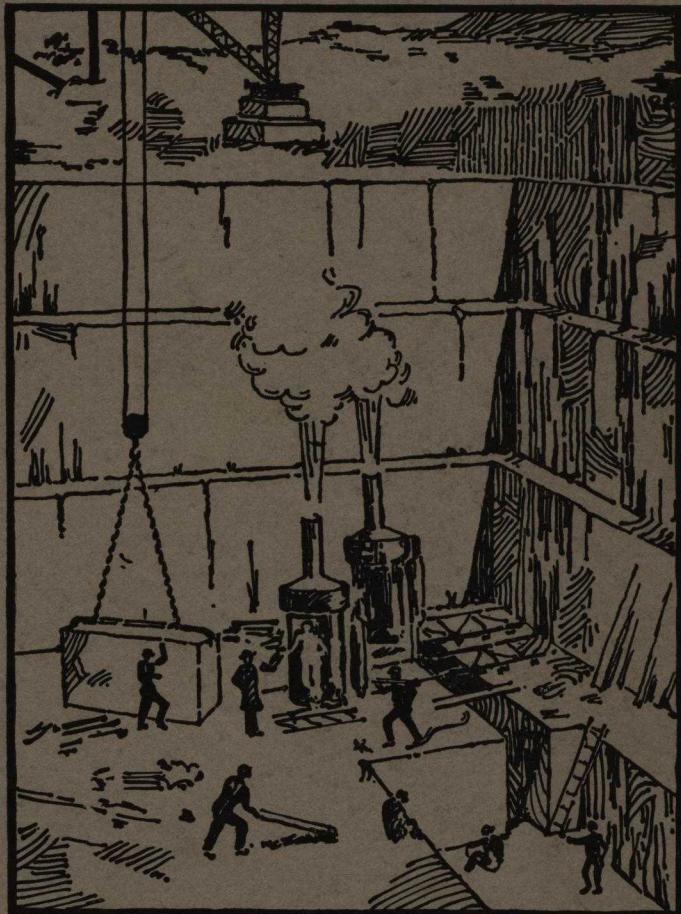
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The NATION'S BUILDING STONE

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Third Edition
February, 1927